



52K13SE0031 24 DIXIE LAKE

010

DIAMOND DRILLING

AREA: DIXIE LAKE

REPORT NO: 24

WORK PERFORMED FOR: National Trust Company

RECORDED HOLDER: Same as Above [xx]
: Other []

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
1023099	88-1	49.68m	Dec/88	(1)
	88-2	90.22m	Dec/88	(1)
	88-3	76.20m	Dec/88	(1)
1023102	88-4	96.01m	Dec/88	(1)
1023099	88-5	38.40m	Dec/88	(1)
1023102	88-6	60.66m	Dec/88	(1)
	8-7	54.25m	Dec/88	(1)

422
408.42

NOTES: (1) W8902.040, date filed June/89

CONSOLIDATED SILVER STANDARD MINES LTD.

DRILL HOLE LOG

HOLE NO. DL 88-1

SHEET 1 OF 3

PROPERTY: DIXIE LAKE

LENGTH: 49.68m (163 ft)

CORE SIZE: BQ

LOCATION: RED LAKE, ONT.

BEARING

COMMENCED: DEC. 10, 1988

ELEVATION: _____

COLLAR

140°

INCLINATION

COMPLETED: DEC. 11, 1988

COORDINATES: 0+90N

LOGGED BY: M. HOLTBY

0+46E

SAMPLED BY: M. HOLTBY

CORE STORED AT: ON THE PROPERTY AT 1+75N - 0+25E

Max Holtby

FROM m	TO m	DESCRIPTION	RECOVERY		SAMPLES			ASSAYS		
			RUN	%	NO.	FROM m	TO m	LENGTH m	Pu g/t	Pg g/t
0	8.53	Overburden - no core								
8.53	38.20	Mafic Volcanic dark greyish green, massive amphiboles 20+%, biotite 20+%, foliation (f ₁) 40° to core axis (C.F.) pyrite (py) - traces (tr), disseminations (diss) much more (>>) than fracture fillings (f _{fg}) calcite (clct) - f _{fg} and veinlets upto 3 cm. average 1% but upto 2% over 1 m. quartz (qtz) - f _{fg} and veinlets, ± clct, spotty and fewer than clct f _{fg} . pyroxene (px) - tr, a few sections of up to 2% over 5 cm. (esp. after 32.7 m). chalcopyrite (cp) - occasional traces								
38.20	43.67	Iron Formation	38.10	70						
		38.20-38.69m - transition zone, mafic volcanic and high carbonate content;	41.15	99	333101	38.20	38.77	0.57	0.001	0.02
			44.20	103						

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DRILL HOLE LOG

HOLE NO. DL 88-1

SHEET 2 OF 3

FROM	TO	DESCRIPTION	RECOVERY		SAMPLES			ASSAYS					
			RUN	%	NO.	FROM	TO	LENGTH	Fu	Fg			
		po-bands and damm, upto 8%; amphiboles 10%; garnets 2%; py-damm $\leq 1/4\%$; volcanic 40%.											
		38.69m - start of banding, $\pm 50^\circ$ to C.F.											
		38.69-38.77m - po bands 3%, py bands 2%, arsenopyrite (asp) tr, garnets 2%.											
		38.77-40.87m - black, quite massive (massv) po - avg. 5%-10%, upto 15%, damm + thin bands (≤ 1 mm) asp - tr. at start of interval cp - tr. to locally 0.1% with po py - $\leq 1/2\%$ esp. near start of interval -folded dark grey quartz bands (20%), over last 50 cm.			102	38.77	39.80	1.03	0.003	0.02			
					103	39.80	40.87	1.07	0.003	0.01			
		40.87-42.42m - mixture of black argillaceous material and folded dark grey quartz bands, qty 40%; po 5%; py - 1%-2%, ffg + damm, more in black sections than qty sections garnet 2%-3%; cp tr with po, asp - a few tr. damm.			104	40.87	41.67	0.80	0.006	0.01			
					105	41.67	42.42	0.75	0.008	0.03			
		42.42-43.67m - dark greyish green, becoming darker greyish black down section. banded, asp - tr damm at start of section, po $\leq 5\%$ at start			106	42.42	43.00	0.58	0.008	<0.01			
					107	43.00	43.67	0.67	0.005	<0.01			

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DRILL HOLE LOG

HOLE NO. DL 88-2

SHEET 1 OF 3

PROPERTY: DIXIE LAKE

LENGTH: 90.22m (296ft)

CORE SIZE: BQ

LOCATION: RED LAKE, ONT.

BEARING _____ INCLINATION _____

COMMENCED: DEC. 11, 1988

ELEVATION: _____

COLLAR 140° -65°

COMPLETED: DEC. 12, 1988

COORDINATES: 0+90 N

LOGGED BY: M. HOLTBY

0+46 E

SAMPLED BY: M. HOLTBY

CORE STORED AT: ON THE PROPERTY AT 1+75N - 0+25E

Max Holtby

FROM m	TO m	DESCRIPTION	RECOVERY		SAMPLES				ASSAYS	
			RUN	%	NO.	FROM m	TO m	LENGTH m	Fu g/t	Ag g/t
0	6.10	Overburden - No core								
6.10	81.75	Mafic Volcanic - same as in hole DL 88-1 43.18 - 51.28 m - fine grained mafic volcanic 51.63 - 51.74 m - barren quartz vein								
81.75	89.15	Iron Formation	81.38	70						
		81.75 - 81.90 m - transition zone, high carbonate, po - 1% - 2%, moderately magnetic	84.12	95	333108	81.75	82.00	0.25	0.003	0.01
		20% volcanic, garnetiferous!	87.17	98						
		81.90 m - start of banding	90.22	103						
		81.90 - 82.00 m - banded, po 2% bands >> demn py 2% - 3% bands; asp tr.; cp 0.2% with po. garnets 5% in discontinuous bands banding ≈ 40° to C.F.								
		82.00 - 84.47 m - dark greyish black			109	82.00	83.00	1.00	0.002	0.07
		po - 1% - 5%, thin bands, fpy & demn, but decreasing down section			110	83.00	84.00	1.00	0.003	0.17
		py - 1% - 2% mainly thin fpy up to 1mm, increasing down section			111	84.00	84.47	0.47	0.002	0.13

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DRILL HOLE LOG

HOLE NO. DL 88-2

SHEET 2 OF 3

FROM	TO	DESCRIPTION	RECOVERY		SAMPLES			ASSAYS						
			RUN	%	NO.	FROM	TO	LENGTH	Fu	Fg.				
		cp-tr with py												
	84.47-85.15m	mixture of black argillaceous material and dark grey quartz bands folded, dark greyish quartz bands 40%, po-2%-4% increasing down section py ≤ 1% decreasing down section cp-tr with py + po garnets < 1% down			112	84.47	85.15	0.68	0.001	0.05				
	85.15-86.53m	dark green, banding 40°-45° to C.F. but contorted, mafic bands 30%-40%, qty 50%, carbonate ≤ 10%, garnets 1% to 3% down section, po bands >> ffg + down 2%-3%, py < 1%, cp tr to 0.2% with po.			113	85.15	85.82	0.67	0.078	0.06				
					114	85.82	86.53	0.71	0.029	0.03				
	86.53-86.71m	medium grey, qty, mafic ≤ 3%, carbonate ≤ 1% ffg, po 0.5% ffg, py 1-1½% ffg with 0.1% cp.			115	86.53	86.79	0.26	0.004	0.02				
	86.71-86.79m	white to light grey, qty vein, py 2% with 0.1% cp.												
	86.79-88.58m	similar to 85.15-86.53m but mafic bands 50%-60%, qty band 40%, garnets ≤ 5%, py ≤ ¼%, po bands, ffg + down 2%-3% with cp tr to 0.1%. magnetite near end of section			116	86.79	87.70	0.045	0.02					
					117	87.70	88.58	0.006	< 0.01					

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DRILL HOLE LOG

HOLE NO. DL 88-3

SHEET 1 OF 3

PROPERTY: DIXIE LAKE

LENGTH: 76.20m (250ft)

CORE SIZE: BQ

LOCATION: RED LAKE, ONT.

BEARING

INCLINATION

COMMENCED: DEC. 12, 1988

ELEVATION: _____

COLLAR

077°

-45°

COMPLETED: DEC. 13, 1988

COORDINATES: 0+90N

LOGGED BY: M. HOLTBY

0+46E

SAMPLED BY: M. HOLTBY

CORE STORED AT: ON THE PROPERTY AT 1+75N - 0+25E

Max Holtby

FROM m	TO m	DESCRIPTION	RECOVERY		SAMPLES				ASSAYS		
			RUN	%	NO.	FROM m	TO m	LENGTH m	Ag g/t	Au g/t	
0	7.32	Overburden - no core.									
7.32	45.95	Mafic Volcanic - dark green, same as hole 88-102. 18.70-18.84m - barren, white qty vein 29.30-29.76m - mafic dyke - 29.30m contact (ente) $\approx 85^\circ$ to C.F. - 29.76m ente sharp but irregular - biotite 80%+ - py. tr., carbonate 5%-10%. 33.43m - qty-carbonate veinlet 1mm with tr. cp. after 42m - greyish tint to volcanic. 6%-7% barren qty-carbonate veinlets.									
45.95	48.23	Iron Formation 45.95m ente 35° to 40° to C.F. 45.95-46.02m - transition zone similar to previous hole, high carbonate, py 1%, py 3%, cp tr. 46.02-46.39m - mix of mafic and qty with minor carbonate, more siliceous down section	44.20	70	333119	45.95	46.39	0.44	0.057	0.02	
			47.24	102							
			50.29	90							

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DRILL HOLE LOG

HOLE NO. DL 88-3

SHEET 2 OF 3

FROM	TO	DESCRIPTION	RECOVERY		SAMPLES			ASSAYS						
			RUN	%	NO.	FROM	TO	LENGTH	Fe	Pg				
		starts mafica >> qty, ends qty = mafica dark grey, pw avg 1%-2%, py avg ≤ 1/2% fefg & damr but one 9 cm section with 3%-5% py.												
	46.39-47.03m	very siliceous zone. before 46.62m - mafica 15%-20%, dark grey, pw < 1%, py 1%, cp tr, carbonate 3% fefg. py fefg >> damr; pw fefg = damr			120	46.39	47.03	0.64	0.006	0.01				
	46.62m	after 46.62m - light grey, mafica 2%-5% carbonate 1%-2%, py ≤ 1/4%, pw ≤ 1/4% both as fefg in mafic sections.												
	47.03-47.34m	mix of mafica and qty, dark grey, very siliceous, qty ≈ 60%, mafica 30%, banding ≈ 30° to C.F. pw 5%, py 2%, magnetite < 1%.			121	47.03	47.34	0.31	0.027	0.01				
	47.34-48.23m	dark grey, banded; bands 35°-45° to C.F. with angle increasing down section, very strongly magnetic dark bands - magnetite light bands - qty, minor carbonate, thin needles tremolite, pw & py ≤ 1%			122	47.34	48.23	0.89	0.026	0.01				

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DRILL HOLE LOG

HOLE NO. DL 88-4

SHEET 1 OF 4

PROPERTY: DIXIE LAKE

LENGTH: 96.01m (315ft.)

CORE SIZE: BQ

LOCATION: RED LAKE, ONT.

BEARING

INCLINATION

COMMENCED: DEC. 13, 1988

ELEVATION: _____

COLLAR

045°

-45°

COMPLETED: DEC. 15, 1988

COORDINATES: 2+00.5

LOGGED BY: M. HOLTBY

2+07E

SAMPLED BY: M. HOLTBY

CORE STORED AT: ON THE PROPERTY AT 1+75N - 0+25E

Max Holtby

FROM m	TO m	DESCRIPTION	RECOVERY		SAMPLES				ASSAYS	
			RUN	%	NO.	FROM m	TO m	LENGTH m	Ag g/t	Pb g/t
0	9.15	Overburden - no core except for granite boulder								
9.15	56.28	Mafic Volcanic - as in hole 1, 2 & 3. dark green, massive, foliated 20° to C.F., py to.								
		9.15-14.33 m - core very broken up. carbonate ± qty. veinlets ≤ 1%								
		19.62-20.02 m - dyke, biotitic, bounded by carbonate rich unit, cuts 20° to C.F. fine grained, py to.								
		48.0 m - 1/2 cm carbonate - qty. vein with 10% py, 35° to C.F.								
		53.37-53.85 m - 25% carbonate - qty. alteration as bands, 25° to C.F., 1% - 2% py increasing down section.			333123	53.37	53.85	0.48	0.033	0.02
		53.80-53.85 m - qty. carbonate vein, 5% py.								
		53.85-56.28 m - 5% qty. carbonate as veins and envelopes.								
		56.28 m cuts 35° to C.F.								

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DRILL HOLE LOG

HOLE NO. DL 88-4

SHEET 2 OF 4

FROM	TO	DESCRIPTION	RECOVERY		SAMPLES			ASSAYS					
			RUN	%	NO.	FROM	TO	LENGTH	Fe	Pg			
56.28	76.30	Iron Formation	5334	To									
		- very siliceous, dark grey, occasionally breccia appearance, qty 90+% fine grained trophimitic	56.39	102	124	56.28	57.01	0.73	0.022	<0.01			
		- fclg po, py, cp, asp, sp.	59.44	101									
		- po avg 2%-3%, occasional band of 20%, such as at 58.95m where is 1 1/2cm wide + with 2% asp.	62.48	98									
		- py avg 1%-2%, occasional bands with 10%-15% in qty vein-like areas	65.53	99									
		- asp avg to 1/4% with rare higher content	68.58	99									
		- cp to to 0.1% with po >> py.	71.63	99									
		- sp rare to, fine grained.	74.68	97									
		57.01-57.64m - mafic dyke, dark brown	77.72	98									
		biotite 50%-70%, carbonate 10%-15%			125	57.01	57.64	0.63	0.002	<0.01			
		30°-35° to C.F.			126	57.64	58.57	0.93	0.026	<0.01			
		60.30-60.64m - blackish, mainly po, to asp.			127	58.57	59.44	0.87	0.367	0.06			
		after 60.4m - decrease in py, cp, asp.			128	59.44	60.30	0.86	0.237	0.02			
		61.75m - last asp.			129	60.30	60.64	0.34	0.054	<0.01			
		61.75-61.88m - po 20%			130	60.64	61.28	0.64	0.053	0.01			
		62.25-62.44m - mafic dyke, same as 57.01-57.64m			131	61.28	61.88	0.60	0.026	<0.01			
		30° to C.F.			132	61.88	62.25	0.37	0.014	<0.01			
		63.12-63.32m - bands po + py, po 15%, py 3%-4%			133	62.25	62.44	0.19	0.002	<0.01			
		63.32-63.75m - bands of 30%-40% po, py 1%.			134	62.44	63.12	0.68	0.010	<0.01			
		≤5% carbonate in matrix			135	63.12	63.75	0.63	0.001	<0.01			
		64.32-64.77m - mafic dyke, same as 57.01-57.64m			136	63.75	64.32	0.57	0.009	<0.01			
		40° to C.F.			137	64.32	64.77	0.45	0.005	<0.01			

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DRILL HOLE LOG

HOLE NO. DL 88-4

SHEET 3 OF 4

FROM	TO	DESCRIPTION	RECOVERY		SAMPLES			ASSAYS				
			RUN	%	NO.	FROM	TO	LENGTH	Fu	Fg		
		64.77-65.29m - black, 5% pv fefg + bands of damm.			138	64.77	65.29	0.52	0.026	0.01		
		65.29-65.52m - black and dark grey mixture, breccia black - argillaceous, dark grey - siliceous pv, py, cp, sp fefg. pv 1%, py 3%-5%, cp tr, sp tr.			139	65.29	65.52	0.23	0.236	0.05		
		65.52-66.34m - very hard, mix of black argillaceous and very dark grey quartz (not breccia as previous section), foliated 10-15° E.W. pv - tr. damm.			140	65.52	66.34	0.82	0.002	<0.01		
		66.34-68.58m - very dark grey, very hard and foliated - up to 40% fine grained amphiboles - tr. pv + rare tr. cp.			141	66.34	67.41	1.07	0.001	<0.01		
		67.70-68.25m - not foliated, not as hard, 80% amphiboles, gradational contacts.			142	67.41	68.58	1.17	0.001	<0.01		
		68.58-69.12m - dark grey, siliceous fefg py, pv, sp, cp. pv 1%-2%, py <1%, cp tr, sp 0.1%. 1% chloritized amphiboles chlorite fefg 1%-2%			143	68.58	69.12	0.54	0.003	<0.01		
		69.12-69.76m - black, hard, 5%-8% pv fefg. tr. sp fefg, tr. py fefg contacted banding			144	69.12	69.76	0.64	0.007	<0.01		
		69.76-71.40m - bands of dark grey - siliceous or black - argillaceous - very hard. pv fefg 2%-3%, cp tr. fefg.			145	69.76			0.007	0.01		
					146		71.58		0.023	<0.01		

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DRILL HOLE LOG

HOLE NO. DL 88-5

SHEET 1 OF 2

PROPERTY: DIXIE LAKE

LENGTH: 38.40 m (126ft)

CORE SIZE: BQ

LOCATION: RED LAKE, ONT.

BEARING

INCLINATION

COMMENCED: DEC. 16, 1988

ELEVATION: _____

COLLAR 081° -60°

COMPLETED: DEC. 16, 1988

COORDINATES: 0+26N

LOGGED BY: M. HOLTBY

0+01W

SAMPLED BY: M. HOLTBY

CORE STORED AT: ON THE PROPERTY AT 1+75N - 0+25E

Max Holtby

FROM m	TO m	DESCRIPTION	RECOVERY		SAMPLES				ASSAYS	
			RUN	%	NO.	FROM m	TO m	LENGTH m	Fe g/t	Fe g/t
0	0.66	Overburden - No core.								
0.66	22.80	Mafic Volcanic - same as other holes. last 63cm - 5% carbonate ± qty fely and envelopes. pw 1% with spotty 2% sp tr.			333152	22.17	22.80	0.63	0.002	40.01
		22.80m onto 35° to C.F.	20.12	70						
22.80	31.00	Iron Formation.	23.16	100						
		22.80-24.24m - black, pw fely 1%-3%, garnets 2%, pw tr to 0.1% fely, 2%-3% bands of qty - carbonate banding 30° to C.F.	26.21	97	153	22.80	23.53	0.73	0.004	0.01
			29.26	102	154	23.53	24.24	0.71	0.001	0.01
			32.31	103						
			35.36	103						
		24.24-24.46m - a few black bands, mainly medium grey qty ± carbonate bands, pw 2% - pervasive clams in bands.			155	24.24	24.46	0.22	0.002	0.01
		24.46-25.70m - siliceous, esp in first 30 cm. pw 2%-3% fely, pw avg ≤ 1/2% but 2% over 3cm at 24.60m as patches asp tr, sp tr., a few garnets			156	24.46	25.12	0.66	0.002	0.01
					157	25.12	25.70	0.58	0.002	0.01
		25.70-26.24m - black, 1% pw, tr sp fely, 2% garnets, sp - few tr.			158	25.70	26.24	0.54	0.005	0.01

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DRILL HOLE LOG

HOLE NO. DL 88-5

SHEET 2 OF 2

FROM	TO	DESCRIPTION	RECOVERY		SAMPLES			ASSAYS					
			RUN	%	NO.	FROM	TO	LENGTH	Fu	Fg			
		26.24-26.74 m - granular qtz, as in section 24.46-25.70 m po bands - avg total 2%-3% but 20% in bands (bands are 2 to 5 mm wide) garnets 3% over last 20 cm.			159	26.24	26.74	0.50	0.002	<0.01			
		26.74-27.13 m - black, garnets 5%, po 1% ffg down, cp to ffg.			160	26.74	27.13	0.39	0.006	<0.01			
		27.13-31.00 m - dark grey, qtz rich - mainly granular but mainly aphanitic between 28.40-29.35 m, 29.26-29.33 m - 28.77-29.00 m - white qtz veins - dark bands - with up to 10% po but avg. 3%, also some bands with amphiboles cp to ffg, py spotty to tr 0.1%. bands 30-35° to C.F. after 30.10 m - Tremolite.			161	27.13	28.12	0.99	0.002	<0.01			
					162	28.12	29.12	1.00	0.011	<0.01			
					163	29.12	30.09	0.97	<0.001	<0.01			
					164	30.09	31.00	0.91	0.014	<0.01			
31.00	38.40	Magic Volcanic - dark green, few carbonate-qtz ffg, 33.11-35.22 m - barren, white qtz veins cutting core at shallow angle to C.F. - for 1/2 interval bands of mafics in qtz with tr po.			165	33.11	34.21	1.10	<0.001	<0.01			
					166	34.21	35.22	1.01	<0.001	<0.01			

CONSOLIDATED SILVER STANDARD MINES LTD.

DRILL HOLE LOG

HOLE NO. DL 88-6

SHEET 1 OF 2

PROPERTY: DIXIE LAKE

LENGTH: 60.66m (199ft)

CORE SIZE: BQ

LOCATION: RED LAKE, ONT.

BEARING

INCLINATION

COMMENCED: DEC. 16, 1988

ELEVATION: _____

COLLAR

275°

-45°

COMPLETED: DEC. 17, 1988

COORDINATES: B.L. 0+755

LOGGED BY: M. HOLTOY

SAMPLED BY: M. HOLTOY

CORE STORED AT: ON THE PROPERTY #T 1+75N - 0+25E

Max Holtby

FROM m	TO m	DESCRIPTION	RECOVERY		SAMPLES				ASSAYS	
			RUN	%	NO.	FROM m	TO m	LENGTH m	Fe g/t	Pb g/t
0	11.58	Overburden - No core.								
11.58	51.05	Mafic Volcanic dark green, massive, often has spotted appearance carbonate-qty ffg & veinlets $\leq 1\%$ ps-ta. to occasional 0.1% with tr. op. NOTE - mafic volcanic to east of iron formation has fewer carbonate ffg, spotted appearance and somewhat more massive appearance than mafic volcanic to west of iron formation								
51.05	56.35	Iron Formation	50.90	T0	333167	51.05	51.66	0.61	0.001	<0.01
		51.05-52.35m - banding 25°-30° to C.F.	52.43	100	168	51.66	52.35	0.69	0.003	<0.01
		- a few thin amphibolite bands	53.95	100						
		black & medium grey bands.	57.00	98						
		black bands - 50%-60% of interval	60.05	103						
		- 10+% magnetite	60.66	101						
		med. grey bands - granular qty.								
		52.35-53.79m - banded								
		light grey bands - granular qty								
		dark grey bands - qty \pm amphiboles,								

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DRILL HOLE LOG

HOLE NO. DL 88-7

SHEET 1 2

PROPERTY: DIXIE LAKE

LENGTH: 54.25 m (177ft)

CORE SIZE: BQ

LOCATION: RED LAKE, ONT.

BEARING

INCLINATION

COMMENCED: DEC. 17, 1988

ELEVATION: _____

COLLAR 270°

-55°

COMPLETED: DEC. 18, 1988

COORDINATES: 1+00S

LOGGED BY: M. HOLTBY

0+50W

SAMPLED BY: M. HOLTBY

CORE STORED AT: ON THE PROPERTY AT 1+75N - 0+25E

Max Holtby

FROM m	TO m	DESCRIPTION	RECOVERY		SAMPLES				ASSAYS							
			RUN	%	NO.	FROM m	TO m	LENGTH m	Fe g/t	Pb oz/t						
0	15.24	Overburden - No core														
15.24	41.25	Mafic Volcanic - same as in hole 88-6														
		40.83-40.82m - quartz vein, white, 65° to c.f.														
		py ffg 3%-4%, cp < 4% ffg.	38.71	100												
41.25	52.11	Iron Formation	41.76	100												
		cont. 45° to c.f.	44.81	101												
		41.25-41.90m - med. grey and dark grey bands.	47.85	101	177	41.25	41.90	0.65	0.005	<0.01						
		dk grey bands - 10% magnetite, py 1%	50.90	100												
		41.90-43.67m - dark grey, 10% amphibolite bands,	53.95	101	178	41.90	42.88	0.98	0.003	<0.01						
		with minor garnets			179	42.88	43.67	0.79	0.009	<0.01						
		little magnetite, py 2% ffg, cp to ffg.														
		43.67-51.56m - blackish (but not the aphanitic			180	43.67	44.67	1.00	0.169	0.02						
		argillaceous material as in previous			181	44.67	45.67	1.00	0.041	<0.01						
		holes), 20% dark grey siliceous bands			182	45.67	46.47	0.80	0.003	<0.01						
		py ffg + perovskite down 5%-8%			183	46.47	47.15	0.68	0.002	<0.01						
		cp to ffg + rare to ffg sphalerite (sp)														
		blackish bands have 30% biotite														
		47.15-47.70m - fine grained, blackish, biotite rich,			184	47.15	47.70	0.55	0.001	<0.01						
		few sulphides.			185	47.70	48.30	0.60	0.001	<0.01						

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APPENDIX I

DIAMOND DRILL HOLE LOGS

Abbreviations Used in Logs

magnetite	-	mgnt
disseminated	-	dsmn
footwall	-	Fw
hangingwall	-	Hw
quartz	-	qtz
pyrite	-	py
pyrrhotite	-	po
volcanic	-	vlcc
calcite	-	clct
fracture filling	-	fcfg
Core Axis	-	C.A.
contact	-	cntc
trace	-	tr
foliation	-	fltn
sphalerite	-	sp
chalcopyrite	-	cp
arsenopyrite	-	asp
massive	-	mssv
much greater than	-	>>
sulphides	-	slpds
siliceous	-	slcs



Mining Act

Name and Postal Address of Recorded Holder National Trust Company	Prospector's Licence No. T-1164
21 King Street, East, Toronto, Ontario, M5C 1B3	

Dixie Lk.

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 1,526	Mining Claim			Work Days Cr.	Mining Claim			Work Days Cr.	
	Prefix	Number	Work Days Cr.		Prefix	Number	Work Days Cr.		
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	KRL	1023072	20	KRL	1023082	20	KRL	1023090	20
		73	20		83	20		91	20
		74	20		84	20		92	20
		75	20		85	20		93	20
		76	20		86	20		94	20
		77	20		87	20		95	20
		78	20		88	20		96	20
		80	20		89	20		98	8

All the work was performed on Mining Claim(s): KRL 1023099, 1023102

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Operator: Consolidated Silver Standard Mines Limited
400 - 1199 West Hastings Street
Vancouver, B.C., V6E 3T5

Drilling from December 7 to December 20, 1988
by Heath & Sherwood Drilling Inc.,
Kirkland, Ontario

- 7 holes greater than 7/8" core and deeper than 100 feet.
- drilled on claims KRL 1023099 - 835' ✓
- KRL 1023102 - 691' ✓
- 1,526'

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Date of Report <i>Feb. 23, 1989</i>	Recorded Holder or Agent (Signature) <i>[Signature]</i>
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Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
Max Holtby 400 - 1199 West Hastings Street, Vancouver, B.C., V6E 3T5

Date Certified <i>Feb. 23, 1989</i>	Certified by (Signature) <i>Max Holtby</i>
--	---

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work /operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/exploring	
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		

DOCUMENT No.
W 8902.40

Mining Claim		Work
Prefix	Number	Days Cr.
KRL	1023104	20
	105	20
	106	20
	110	20
	124	20
	126	8
	127	20
KRL	1056792	20
	793	20
	794	20
	795	20
	796	20
	797	20
	798	20
	799	20
	800	20
	801	20
	802	20
	803	10
KRL	1056847	20
	848	20
	849	20
	850	20
	851	20
	852	20
	853	20
	854	20

Mining Claim		Work
Prefix	Number	Days Cr.
KRL	1056855	20
	856	20
	857	20
	858	20
	859	20
	860	20
	861	20
	862	20
	863	20
	864	20
	865	20
	866	20
	867	20
	868	20
	881	20
	882	20
	883	20
	884	20
	885	20
	886	20
	887	20
	888	20
	889	20
	890	20
	891	20
	892	20
	893	20



LEGEND

(KRL) 1023110 Claim number

■ Claim post located

□ Claim post assumed

— Trench

● DDPH 88-2

MUTUAL RESOURCES LIMITED
DIXIE LAKE PROJECT
SOUTH GRID
1988 PROGRAMME

COMPILED: M.H. DATE:
 N.T.S.: 52 K/13E SCALE: 1:2500 **Fig. 88-8**

