

Drill Hole Log

826480

0920

COMPANY SOUTHERN LIGHTS RESOURCES PROPERTY YALAKOM

Section No.

HOLE No. 84-1

Started July 31, 1984	Bearing	Lat.	Collar El.	Logged by R.W. PHENDLER	Date Aug 7, 1984
Completed Aug 6, 1984	Angle from Horizon -45°	Dep.	Bottom. El.	Remarks	
Driller	Length	Location	Level		

From	To	Interval	RECOVERY		DESCRIPTION	Sample No.	From-To	Interval	ASSAY								
				%													
0.0	8.0	8.0	8.31	24'	OVERBURDEN												
8.0	169		55	24	QUARTZ FELDSPAR PORPHYRY LIGHT GREY												
			79	24	MEDIUM GRAINED												
			118	24	1/2" QTZ VEIN AT 14'	2" QTZ 30° Pyrite	96006	538-550	1.2	.001							
			120	24	1/8" QTZ VEIN, 45° PYRITE SPECKS AT 18'												
			142	23	LIMONITE OXIDATION ON JOINT PLANES TO 47.0'	6" QTZ H SPKS	96007	83-83.5	0.5	—							
			166		MINOR DISSEMINATED WHITE THROUGHOUT												
			189		AT 52' 1/2" QTZ. 1/2" QTZ VEIN -45° AT 66'	1" QTZ - pyrite	96008	88.0-88.7	0.7	—							
			212		AT 94 1/2" QTZ VEIN, 60°. AT 95.5 1/4"												
			236		QUARTZ HEMATITE STRINGER AT 20° TO CORE, 50% Qtz		96009	100.7-101.7	1.0	.005							
			257		AT 94-94.5 DIORITE DIKE - AT 70°												
			281	23	AT 124 1/4" QTZ VEIN, AT 127 3/8" Qtz AT 15°	10" Qtz - Tetrahed	96010	102.3-103.3	1.0	.020							
			305		AT 125-3 1/8" QTZ VEINS AT 140 1/2" Qtz - BRN. white binding												
169	227		327	23	PORPHYRYIC QUARTZ DIORITE - DARK GREY. MEDIUM GRAINED PHENOCRYSTS MORE	Qtz - 20%	96011	110.7-111.2	0.5	—							
					DISTINCTIVE GLASSY MATRIX 169-177	50% Qtz	96012	153-159	5.0	.005							
					AT 170 1/2" QTZ VEIN -20°. AT 172	SPKS PY, CT											
					1/4" QTZ. WEAK DISSEM PYRITE	70% QTZ	96013	161-164	3.0	.005							
					AT 207-209 - 3" DIORITE DIKE												
					PARALLEL TO CORE	10% disseminated	96014	201-203.5	2.5	—							

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED AUG 8 1984

DATE REPORTS MAILED

Aug 10/84

GEOCHEMICAL ASSAY CERTIFICATE

A .50 GM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL:HNO3:H2O AT 90 DEG. C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : AG AU*
SAMPLE TYPE : CORE - CRUSHED AND PULVERIZED TO -100 MESH.
AU* - 10 GM,IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

Southern Lights

R. PHENDLER FILE# 84-2011

PAGE# 1

SAMPLE	AG PFM	AU* PPB
096006	.7	35
096007	.9	30
096008	.1	20
096009	2.7	190
096010	.9	675
096011	.1	20
096012	.4	510
096013	.4	305
096014	.5	75
096015	1.8	25
096016	.9	2180
096017	11.9	1930
096018	3.4	100
096019	2.6	95
096020	1.0	450
096021	20.0	220
096022	3.2	37650
096023	9.8	1860
096024	3.6	920

84-3

Drill Hole Log

COMPANY SOUTHERN LIGHTS

PROPERTY YALAKOM

Section No.

HOLE No. 84-3

Started	Bearing	Lat.	Collar El.	Logged by R. Phendler	Date 5/17/1984
Completed	Angle from Horizon	Dep.	Bottom. El.	Remarks B Q	
Driller	Length 293'	Location	Level		

From	To	Interval	RECOVERY		DESCRIPTION	Sample No.	From-To	Interval	ASSAY			
				%					03 Au	03 Ag	#Au	
0	10	1	10-30	22	OB -							
10	293	2	52		Feldspar Porphyry - Cse to Med grail							
		3	76		Broken - Some limonite stain	2" Qtz - 30	95907	145-146	1.0	.001	.07	
		4	98		AT 63 - 1/4" Qtz - Pyrite - 60°							
		5	122		FEW QUARTZ THREAD VEINS	3" Qtz 70	95908	154-155	1.0	.030	.04	13.11
		6	177		AT 107 - 1/2" Qtz VEIN - 20°							
		7	170		AT 120 - 1" BARREN WHITE Qtz - 80°		95909	149-150	1.0	.028	.05	
		8	193		172-173 - DIKE							
		9	217		- 2 - 1/2" Qtz VEINS 20° AT 200'	1.5" qtz vein	95910	250-252	2.0	.006	.03	
		10	240		MASSIVE							
		11	264									
		12	288									
		13	293	5								
293	0				END OF HOLE							

HOLE 84-2

Drill Hole Log

COMPANY SOUTHERN LIGHTS

PROPERTY YALAKOIN

Section No.

HOLE No. 84-2

Started		Bearing		Lat.		Collar El.		Logged by R. Phendler		Date 5/27/84		
Completed		Angle from Horizon		Dep.		Bottom. El.		Remarks				
Driller		Length 355		Location		Level		BQ				
		RECOVERY								ASSAY		
From	To	Interval	%	DESCRIPTION		Sample No.	From-To	Interval	oz Au	oz Ag	\$ Au	
0	9.0	19-31	24'	OVERBURDEN								
9.0	188	231-52	24	FELDSPAR PORPHYRY - MEDIUM GRAINED								
		2-77	24	LIGHT GREY, MASSIVE AT 155 A 1/2"		Irreg Qtz string	95911	290-292	2.0	.208	.07	9160
		0-100	24	GREY QUARTZ VEIN AT 45° - PYRITE SPECKS								
		5-121	22	MINOR LIMONITE ON SLIPS, AT 60° @ 1"		Qtz Flooded zone	95912	302-304	2.0	.012	.02	
		6-146	24	BULL (WHITE) QUARTZ VEIN AT 45° TO CORE.								
		7-169	23	55-57 - A 1/4" QTL VEIN WITH PYRITE SPECKS PARALL.			95913	319-320	1.0	.002	.01	
		8-193		EL TO CORE. AT 86' - 1/2" QTL VEIN - PYRITE.								
		9-217		AT 86' - 2 1/4" QTL VEINS - 45° TO CORE.		QTL VEIN-2"	95901	119-119.5	0.5	.001	.07	
		10-241		AT 94' - UGGY 1/4" QTL VEIN - 20° TO CORE								
188	192.5	11-262		DIORITE DYKE - F. GRID - LIGHT GREY		4' QTL VEIN - P	95902	146-146.5	0.5	.013	.62	6.20
192.5		12-287		FELDSPAR PORPHYRY - MED GRID - LIGHT TO C								
		13-312		MED GREY - OCL QTL STRG		2" QTL VEIN - 30°	95903	156.5-158	1.5	.002	.10	
		14-337		FINER GRID AT 221 - FEW IRREG								
		15-355	15'	QUARTZ STRINGERS		3" QTL - P - 60°	95904	190-190.5	0.5	.054	.19	23.60
				347 - 3 1/2" veins		QTL VEIN	95905	253-254	1.0	.001	.04	
	355			END OF HOLE		QTL - P1	95906	271-272	1.0	.005	.03	



86° f
PORTAL 7537'

T. 202

D.D.H 84-3
-40°, 300'

D.D.H 84-1
-45°, 275'

D.D.H 84-2
-40°, 300'

WIDTH	oz Au
1.3'	1.14
1.1'	0.01
1.3'	0.05
1.2'	0.77
1.3'	0.68
1.3'	0.98
1.3'	1.34
1.0'	1.44
1.2'	0.28
1.3'	0.78
1.2'	1.70
1.2'	0.82
1.3'	1.74
1.3'	15.48

WIDTH	oz Au
0.5'	11.00
0.6'	0.84
1.7'	0.50
1.8'	0.42
1.7'	0.95
1.4'	0.24
1.2'	0.32
1.3'	0.29

WIDTH	oz Au
1.0'	0.57
1.2'	0.51
1.3'	0.35
1.0'	0.72

VEIN DIPS
70° TO WEST

NORTHERN LIGHTS RESOURCES LTD

No 9 ADIT, YALAKOM CLAIM GROUP.
LILLOOET MINING DIVISION, BRITISH COLUMBIA.
SHOWING ASSAYS OF BRALORNE SAMPLES



R.W. PHENDLER, P. ENG

SCALE 1:10,000

MAR, 1979