

CLEVELAND TIN N.L.

CATEGORY

HOLE No. : 1086

GENERAL DATA

Objective :

Area of Operation : Cleveland Tin N.L. Location : 13 BNH N Sect.

Collar R.L. : 237.113 Co-ordinates : 15517.382 N, 10931.062 E

Bearing of Hole : (132° 130° 59' 35" Angle of Hole : ~~25~~ = 23° 53' Final Depth : 39.62 m

Drilling Commenced : Completed : Logged by : TT up,

DRILLING DATA

Drilled by : Philpott Non Coring :

Drilling Rig : E500 Coring :

Drillers(s) :

Core Recovery :

HOLE SURVEYS

<u>-23</u>	<u>120'</u>			

HOLE NO. C1086

DRILL HOLE DATA SHEET

SHEET NO. 1

COLLAR LCCN. 13 B NORTH, WEST DRIVE

FINAL DEPTH 39.62

RL 237.11

DIP 25

BRC 132

CO-ORDS 15517.38 N 10931.06 E

DOWN HOLE SURVEY

INTERPOLATED DATA

CALCULATION DATA

TYPE	DEPTH	DIP	AZI	DIP	AZI	DEPTH	N	E	RL	DIST. FROM HRP. ORIG.	DIST FROM HALLS	SECT	DIST. PERP. TO HRP	DIST. FROM BRP. ORIG.	DIST FROM BATT.	SECT	DIST. PERP. TO B.R.P.
	0	23.8	131.0	25	132	12.5	15502.22	10947.89	226.54	21033.27			80.30	16555.51			59.45
	36.58	23.0		25	132	37.5	15487.06	10964.73	215.98	21033.56			57.65	16547.30			38.33
						50											

HOLE No. : 1086.

SAMPLE DATA

SHEET No. :

LENS	SAMPLE No.	ROCK TYPE	Σ	INTERVAL		Length (L)	Assays (A)			Product (A x L)		
				From	To		% Snt	% Sns	% Cu	P. Snt	P. Sns	P. Cu
	149969	Lode.		0.80	1.05	0.20	1.35	0.05	0.61			
	149970	"		3.55	4.50	0.95	0.92	0.14	0.36			
	149971	"		4.50	5.60	1.10	2.35	0.22	0.43			
	149972	"		5.60	6.90	1.30	1.29	0.28	0.42			
	149973	"		6.90	7.90	1.00	2.05	0.05	0.23			
	149974	"		10.33	11.47	1.14	0.93	0.05	0.38			
	149975	"		11.47	12.65	1.18	1.10	0.13	0.19			
	149976	"		12.65	13.65	1.00	1.90	0.15	0.31			
A2			Σ	0.8	13.65	12.85	0.91	0.10	0.21			
	149977	"		15.54	16.70	1.16	0.33	0.05	0.18			
	149978	"		16.70	17.63	0.93	0.80	0.06	0.25			
	149979	"		17.63	18.97	1.34	0.10	0.04	0.13			
			Σ	0	18.97	18.97	0.68	0.07	0.17			
	149980	"		20.53	21.32	0.79	2.10	0.11	0.28			
	149981	"		21.32	22.15	0.83	1.33	0.15	0.28			
			Σ	20.53	22.15	1.062	1.71	0.13	0.28			
			Σ	15.54	22.15	6.61	0.61	0.06	0.16			

HOLE No. : 1086

SAMPLE DATA

LENS	SAMPLE No.	ROCK TYPE	Σ	INTERVAL		Length (L)	Assays (A)			Product (A x L)		
				From	To		% Snt	% Sns	% Cu	P. Snt	P. Sns	P. Cu
	149982	Lode		23.60	23.93	0.33	0.29	0.05	0.38			
	149983	"		24.50	24.67	0.17	0.23	0.07	5.30			
			Σ	23.60	24.67	1.07	0.13	0.03	0.96			
	149984	"	x	32.67	33.52	0.85	1.62	0.09	0.31			
	149985	"	x	34.05	34.65	0.60	0.92	0.06	0.46			
			Σ	32.67	34.65	1.08	0.97	0.06	0.27			
			Σ	20.65	20.65		0.64	0.07	0.19			
			Σ	32.67	30.65	1.98	0.97	0.06	0.27			
LENS B			Σ	20.65	24.67	4.14	2.70	0.06	0.36			
A3			Σ	15.54	18.97	3.43	0.37	0.05	0.15			

N.W.P.S.

GEOLOGICAL LOG

 HOLE No. 1086

SHEET No. _____

From _____ To _____

LIFTS			DRILL INTERVAL			BEDDING	ROCK TYPE	DESCRIPTION	ASSAYS		
From	To	Recovery	From	To	Length	Angle to Core Axis			% Snt	% Sns	% Cu
0	3.96 ^{3.91}	3.30	0	0.80	0.80		Shale.	Cream to fawn banded shales			
3.96	7.01 ^{3.05}	3.00						with minor pyrrhotite as disseminated sulphides. Chlorite veined			
7.01	9.75 ^{2.74}	2.00						random throughout section			
9.75	10.33 ^{0.58}	0.40									
10.33	13.41 ^{3.08}	3.05	0.80	1.05	0.25		Lode.	Chlorite Carbonate Fluorite Quartz			
13.41	14.02 ^{0.61}	0.45						with disseminated pyrrhotite and chalcocopyrite.			
14.02	15.54 ^{1.52}	1.50									
15.54	18.89 ^{3.35}	3.05	1.05	3.55	2.50		Chert	light grey to fawn. Bedded			
18.89	20.42 ^{1.53}	1.45						chert with numerous random chlorite veinlets.			
20.42	23.46 ^{3.04}	3.05									
23.46	26.82 ^{3.36}	3.05	3.55	7.90	4.35		Lode.	Chlorite Carbonate Fluorite Quartz			
26.82	29.87 ^{3.05}	3.00						Tourmaline (as minor selvages)			
29.87	32.61 ^{2.74}	1.65						Sub massive to banded pyrrhotite and chalcocopyrite.			
32.61	35.66 ^{3.05}	2.80									
35.66	36.57 ^{0.91}	0.80	7.90	10.33	2.43		Chert.	light grey to dark grey massive to vaguely bedded cherts			
36.57	39.62 ^{3.05}	3.10						Chlorite carbonate chalcocopyrite pyrrhotite veinlets common			

HOLE No. 10.86

GEOLOGICAL LOG

SHEET No. 2

From.....To.....

LIFTS			DRILL INTERVAL			BEDDING Angle to Core Axis	ROCK TYPE	DESCRIPTION	ASSAYS		
From	To	Recovery	From	To	Length				% Snt	% Srs	% Cu
			10.33	13.65	3.32		Lode.	chlorite Carbonate. Quartz Fluorite with submassive to disseminated medium grained pyrrhotite chalcocopyrite with trace amounts of arsenopyrite.			
			13.65	15.54	1.89		Shale.	Dark grey massive shales with minor irregular silicified patches.			
			15.54	18.97	3.43		Lode.	Carbonate Fluorite Tourmaline chlorite well banded with medium to fine grained pyrrhotite chalcocopyrite. Minor irregular intersections of ^{min} cherty			
			18.97	20.35	1.38		Shale.	Dark grey massive shales minor carbonate veining.			
			20.35	20.53	0.18		Chert.	light grey to cream with minor chlorite is disseminations			
			20.53	22.15	1.62		Lode.	chlorite Carbonate Tourmaline fluorite banded. Pyrrhotite chalcocopyrite submassive - disseminated			

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GEOLOGICAL LOG

SHEET No. 3

From.....To.....

LIFTS			DRILL INTERVAL			BEDDING Angle to Core Axis	ROCK TYPE	DESCRIPTION	ASSAYS		
From	To	Recovery	From	To	Length				% Snt	% Srs	% Cu
			22.15	22.65	0.50		chert.	light grey vaguely bedded cherts with numerous chlorite veinlets randomly orientated.			
			22.65	23.60	0.95		shale.	mid grey massive shales			
			23.60	23.93	0.33		rocks/chert	chlorite carbonate quartzes with submassive to veined pyrochroite chalcocyanite with approx 3% light grey massive chert.			
			23.93	24.50	0.57		shale.	Mid grey massive shales. minor carbonate spotting.			
			24.50	24.67	0.17		rocks.	veined pyrochroite chalcocyanite with chlorite within. light grey bedded chert.			
			24.67	26.30	1.63		chert	light grey chert heavily veined with chlorite and coarse disseminated fluorite.			
			26.30	26.60	0.30		shale.	mid grey massive shales with minor carbonate spotting and veinlets.			

29.07

GEOLOGICAL LOG

SHEET No. *4*

HOLE No. *1086*

From.....To.....

LIFTS			DRILL INTERVAL			BEDDING	ROCK TYPE	DESCRIPTION	ASSAYS		
From	To	Recovery	From	To	Length	Angle to Core Axis			% Snt	% Sns	% Cu
			26.60	28.50	1.90		2st.	mid grey medium grained massive greywacke			
			28.50	28.85	0.35		shale.	mid grey massive shales			
			28.85	29.07	0.22		dent.	light grey & with bed chert quartz vein			
			29.07	32.67	3.60		Shale.	mid grey mottled shales massive with rare fine carbonate veinlets			
			32.60	33.52	0.92		lode	carbonate chlorite fluorite with disseminated to veined pyrrhotite and chalcocopyrite			
			33.52	34.05	0.53		shale.	light grey bedded shales with numerous coarse veins of chlorite			
			34.05	34.65	0.60		lode.	chlorite carbonate fluorite with veined pyrrhotite chalcocopyrite (coarse grained) with minor chert bands			
			34.65	39.62	4.97		Shale.	mid-light grey shales. bedded with minor carbonate veinlets			
								EOH 39.62 <i>TT</i> CBA VS-50			

N.W.P.S.