REN[illegible]ON LIMITED – DRILL CORE RECO[illegible]

680

HOLE NUMBER	SD 18
PURPOSE	To test skarn zone at depth at western end of fourth lease
LOCATION	St. Dizier
COLLAR R.L.	2188.09
CO-ORDINATES	5367505.79N, 345442.01E
LENGTH	132.6m
HOLE SIZE	HW 0 – 1.0m HQ 1.0 – 132.6m
DATE DRILLED	9.11.81 – 18.11.81
SIGNIFICANT CORE LOSS ZONES	
ORE ZONE GROUND CONDITIONS	
LOGGED BY	D. KILPATRICK
COMMENTS	Hole was terminated because of excessive westerly drift

SURVEY			From – To	Distance D	VERTICAL		HORIZONTAL	
Depth (M)	Bearing AMG	Dip °			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
COLLAR	355	55°	0 – 18	18	14.74	2173.35	[illegible]	[illegible]
36m	348	56°	18 – 45	27	22.38	2150.97	15.10	[illegible]
54m	347	56°	45 – 65	20	16.58	2134.39	11.15	[illegible]
76m	344	57.5°	65 – 87	22	18.55	2115.84	11.82	[illegible]
98m	339	57°	87 – 113.5	26.5	22.72	2093.62	14.43	[illegible]
129m	332	59.75	113.5–129	15.5	13.39	2080.23	7.81	[illegible]

SUMMARY – ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS													B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				

DIAMOND DRILL RECORD

HOLE NUMBER : SD 12

LOGGED BY : D. KILPATRICK

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Sb.	g/t Ag	% WO3
0	74	67	76	Hornfelsed siltstone + shales.													
				Grey to dark grey fine grained (silt-sized) very broken core of													
				banded and massive hornfelsed chiastolite pyrite shales and siltstone													
				Occasional zones of leached grey core with chiastolite spots and													
				red-brown mica, Sulphides, mostly pyrite are occasional to common and													
				comprise up to 5% of core as fine disseminated material in fissures													
				and large crystals (up to 5mm). BCA = 15°													
				13.0m - 16.0m, dark grey coloured section- (?) tourmalinized.													
				19.0m - 25.0m, very poor core - mostly sludge banded soft grey and													
				green grey siltstone and mudstone. Tourmaline replacing pyrite BCA=													
				38°													
				25.0m - 42m. Core becomes more regularly banded, pale grey, slightly													
				schistose chiastolite, pyrite siltstone.													
				42m - 46m. Dark grey clayey mudstone and grey chiastolite pyrite													
				siltstone (schistose)													
				At 52m, (?) pyrite occurs are radiating fan-shaped crystals in													
				fracture planes. B.C.A.= 25°													
				Below 50m the core is slightly more competent. Chiastolite crystals													
				average 2-3mm length and orientation appears random - often replaced													
				from centre outward by very fine grained orange-yellow mineral.													
				Core occasionally schistose with pale grey mudstone interbeds up to													
				1.0m wide e.g. 50.0 - 51.0m Abundant pyrite [(?) and other sulphides													
				occur in veins and fissures between 55m - 57m.													
				Around 60m red-brown mica and pyrite infill cracks. Schistosity is													
				quite apparent with parallel orientation of platy and linear minerals													
				in hornfels. Micas occasionally show crenulation cleavage -													
				Sericitic alteration is abundent in some sections.													
74	121.1	30	63	Graphitic hornfels													
				fine grained severely deformed dark grey core with abundent quartz													
				veining, and graphite. Graphite is abundent in some horizons													
				e.g. 72m, 82m. Banding becomes more regular below 94.0m.													
				91.1 - 91.9m - very broken clayey zone.													
				98.9 - 101.9m (0.8m recovered) very altered green, grey and orange													
				clays with mica and quartz and intense veining. B.C.A. 30°													
				101.9 - 103.6m - (1.7m recovered). graphitic grey black fine grained													
				schistose, very broken core (RQD=10%) Pyrite is common in veins													
				quartz veining abundent.													
				103.6 - 105.9 (2.0m recovered) weakly banded green black chlorite-													
				biotite bands and grey blotchy clayey (?) quartz-feldspar bands with													
				occasional horizons of green grey clay and abundant clay filled													
				veinlets. Pyrite is associated with biotite in veins. All non-													

050

DIAMOND DRILL RECORD

HOLE NUMBER : SD 78

LOGGED BY : D. KILPATRICK

NWPS

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. ACID SOL	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
				105.8 - 114.0m (3.6m recovered) Very altered clay rich horizon very broken, intensively veined (RQD=10%) Brittle soft grey green-blue clay mineral is common. Some pale grey and white soft clays may have been feldspar. Some fine grey (?) ex-chalcs, intensely veined no chiastolite. Some large veins display a zoned contact with the "country rock - quartz-tourmaline vein in chlorite, phlogopite bearing host". B.C.A. = 25°													
				114 - 121.1 (5.5m. recovered) Graphitic mostly fine grained and evenly banded with minor (?) chiastolite, nodules. Upper section is very schistose. Suphides are common on fracture planes. BCA=32°													
				115.2m Intrusive quartz plagioclase K-feldspar chlorite porphyry- sharp bulbous contact.		120.9	121.9	0.51	0.06	0.01	<0.1	1.50	<0.01	0.02	.003	2	0.01
121.1	122.0	0.9	90	Magnetite: horizon		121.9	122.8	0.36	0.07	0.05	<0.1	3.50	<0.01	0.03	.003	3	0.01
				(Basic dyke (?)) 40-50% Magnetite. Rest is vitreous green mineral		122.8	124.5	0.10	0.02	0.22	<0.1	3.20	<0.01	0.94	.002	4	0.02
				((?) olivine or serpentine) The zone has an alteration halo at each		124.5	125.2	0.11	0.03	0.02	<0.1	1.00	<0.01	1.00	.002	2	<0.01
				contact. Quartz chlorite and clay minerals occur on the contact													
122.0	125.2	3.2	100	(?) Basic dyke (3.2m recovered) (?) Basic dyke, mostly clay													
				chlorite hornblende and biotite. 123.2-123.5m; Mineralized zone													
				30% sphalerite (?). Dyke is generally irregularly banded with													
				mottled sericitized bands and grey fine grained material and chlorite													
				zones.													
125.2	132.6	7.4	100	Graphitic Hornfels (7.4 metres recovered). Grey black graphitic													
				hornfelsed country rock. Some zones have appearance of colortie.													
				Some very altered or completely altered to (?) chiastolite.													
				BCA = 43° (124m), 43° (130m), 38° (136m), 28° (142m)													
				HOLE TERMINATED DUE TO EXCESSIVE WEIGHT LEFT:													