

CLIENT: REX SILVER MINES LTD.

PROJECT: Henry Lake, Sask. S-84-3

Area	Henry Lake	Latitude	L. 4+00 N	Bearing	140°	Date Started	March 26, 1984	Hole No.	84-3
Contractor	MIDWEST	Departure	1+42 W	Inclination @ collar	-45°	Date Completed	March 27, 1984	Logged by	T. Millinoff
Core Size	BQ	Elevation	398 metres	Inclination @ 75 m,	-43°	Total Length	75 metres	Sheet 1 of	4
				Inclination @ _____ m,	_____				

FROM	TO	INTERVAL	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM	TO	LENGTH	ANALYSES					
									Au ppb	Ag ppb	Cu ppm	Zn ppm		
0.0	3.17	3.17	CASING (through organic material, minor till)											
3.17	12.80	9.63	Qtz-Bt-Hb-Garnet GNEISS; m.g. crystals (3-4 mm); well foliated;	83	3665	3.17	4.0	0.83	<2	20				
			Bt + Qtz in equal proportions. Tr, Py, Po. Garnets after 4.9 m,	100	3666	4.0	5.0	1.0	2	60				
			as anhedral granular aggregates, elongated in direction of Fol.											
			3.17-6.5 Fol. @ 60° to c.a.											
			5.0-6.0 iron staining of quartz xtls in gneiss	40	3667	5.0	6.0	1.0	10	40				
			6.4-7.0 much finer grained, 1-3½ cm qtz veins	100	3668	6.0	7.0	1.0	2	30				
			6.5-TD Fol. perpend to c.a.	100	3669	7.0	8.0	1.0	2	20				
			7.0-8.57 more biotite (to 30 or 40%)	100	3670	8.0	8.57	0.57	4	10				
			8.57-9.17 hematite stain and approx 10-15% blebs (to 1 cm) hem.	100	3671	8.57	9.17	0.60	48	220				
				100	3672	9.17	10.0	0.83	2	50				
				100	3673	10.0	11.0	1.0	<2	10				
				100	3674	11.0	12.0	1.0	2	20	50	68		
			12.6-12.8 2-3% weathered sulphides	100	3675	12.0	12.8	0.8	22	650	260	350		
12.8	13.24	0.44	FELSIC TUFF; pink qtz-feldspar gneiss with minor biotite; vfg to fg;	100	3676	12.8	13.24	0.44	4	40				
			10-15% fg to mg diss Py, and Py frac fillings											
13.24	28.0	14.76	Hb-Bt-Qtz-Garnet Gneiss											
			13.24-14.0 vfg	100	3677	13.24	14.0	0.76	2	10				
			14.0-15.0 fg with 2% garnet, 2% fg diss Py	100	3678	14.0	15.0	1.0	4	20				
			15.0-17.0 vfg, sparse garnets, tr Py	100	3679	15.0	16.0	1.0	2	30				
				100	3680	16.0	17.0	1.0	2	10				

DIAMOND DRILL LOG

FROM	TO	INTERVAL	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM	TO	LENGTH	ANALYSES			
									Au ppb	Ag ppb	Cu ppm	Zn ppm
			17.0-18.0 vfg, sparse garnets, 2% fg diss Py	100	3681	17.0	18.0	1.0	22	10		
			17.4-18.0 fracture parallel to c.a., coated with green carb	100	3682	18.0	19.0	1.0	4	10		
			18.0-23.0 approx 2% garnets, 3% vfg diss Py	100	3683	19.0	20.0	1.0	6	10		
				100	3684	20.0	21.0	1.0	<2	10		
				100	3685	21.0	22.0	1.0	2	10	41	44
				100	3686	22.0	23.0	1.0	<2	10	37	40
			23.0-25.0 1% garnet, 3-4% vfg to fg diss Py-Po	100	3687	23.0	24.0	1.0	2	10	13	55
				100	3688	24.0	25.0	1.0	2	20	34	70
			25.0-26.0 3% garnet and 8-10% vfg to fg diss Py-Po; sky-blue chalcedony as frac coatings with anhedral blebs of Py in chalcedony; rock generally silicified	100	3689	25.0	26.0	1.0	22	120	122	187
			26.0-27.0 3% garnet, 8-10% vfg to fg diss Py-Po	100	3690	26.0	27.0	1.0	4	10	14	181
			27.0-27.91 qtz porphyroblasts to 4 mm (i.e., this section slightly porphyritic)	100	3691	27.0	28.0	1.0	16	60	35	83
			27.91-28.0 as above but Py approx 25%									
28.0	28.6	0.6	BRECCIA (Hb-Bt-Qtz-Garnet Gneiss) ~15% Py as frac & breccia filling	100	3692	28.0	29.0	1.0	32	610		
28.6	29.4	0.8	Hb-Bt-Qtz GNEISS ~10% Py bands to 1½ cm @ 90° to c.a.									
29.4	29.6	0.2	BRECCIA (Hb-Bt-Qtz-Garnet Gneiss) 25% Py as breccia filling	100	3693	29.0	30.0	1.0	14	530		
29.6	29.8	0.2	QUARTZ BRECCIA 10% Py as breccia filling									
29.8	33.8	4.0	Qtz-Bt-Hb-Garnet GNEISS, silicified. slightly porphyritic (quartz porphyroblasts to 4 mm).	100	3694	30.0	31.0	1.0	2	20		
				100	3695	31.0	32.0	1.0	4	10		
				100	3696	32.0	33.0	1.0	2	10		
33.8	34.15	0.35	FELSIC TUFF, pale pink, vfg	100	3697	33.0	34.0	1.0	24	20		
34.15	37.0	2.85	Qtz-Bt-Hb GNEISS; pale grey to pale pink with potassic alteration. Generally silicified, vfg to aphanitic. <1% vfg diss Py. 1% cg anhedral granular masses of garnet	100	3698	34.0	35.0	1.0	8	10		
				100	3699	35.0	36.0	1.0	4	10		
				100	3700	36.0	37.0	1.0	24	60	18	43

FROM	TO	INTERVAL	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM	TO	LENGTH	ANALYSES			
									Au ppb	Ag ppb	Cu ppm	Zn ppm
37.0	51.07	13.17	37.0-38.0 Hb-Bt-minor Qtz-Garnet Gneiss; 1-2% vfg diss Py and 1% garnet	100	3701	37.0	38.0	1.0	6	10	31	61
			38.0-38.66 as above with 40% Bt in some bands to 4 cm	100	3702	38.0	39.0	1.0	8	10		
			38.66-39.66 Qtz-Bt-Hb Gneiss, vfg, silicified with potassic alteration around minor frac	100	3703	39.0	40.0	1.0	12	30		
			40.45-41.0 as above, approx 5% vfg diss Py-Po and Py-Po lam (1 mm)	100	3704	40.0	41.0	1.0	4	50		
			41.0-42.0 as above, 3-4% vfg diss Py,Po	100	3705	41.0	42.0	1.0	2	10		
			42.0-43.0 as above, 4-5% vfg diss Py,Po	100	3706	42.0	43.0	1.0	8	200		
			43.0-46.0 Quartz bands containing up to 5% garnet and tr Py (protolith = calcareous sst?) (qtz is more granular than vein quartz)	100	3707	43.0	44.0	1.0	4	10		
			43.51-43.64 43.66-43.80 44.01-44.21	100	3708	44.0	45.0	1.0	4	10	11	51
			44.56-45.66 45.88-46.09	100	3709	45.0	46.0	1.0	10	20	11	68
			46.0-48.0 Bt-Hb-Qtz-Garnet Gneiss, vfg, 3% garnets, 1-2% vfg diss Py	100	3710	46.0	47.0	1.0	4	10	14	51
				100	3711	47.0	48.0	1.0	8	50	31	56
			48.0-50.0 Bt-Hb-Qtz Gneiss, aphanitic, silicified, 8-10% fg diss Py,Po and blebs & stringers to 7 mm. Blue chalcedony fracture coatings (minor fractures)	100	3712	48.0	49.0	1.0	154	80	28	81
				100	3713	49.0	50.0	1.0	30	140	51	112
			50.07-50.39 Bt-Hb Gneiss Breccia, 70% Po,Py (minor Py) as bx fill	100	3714	50.0	51.0	1.0	16	820	330	780
			50.39-51.07 Bt-Hb-Qtz Gneiss, 8-10% fg diss Py,Po									
51.07	51.25	0.18	QUARTZ, like vein quartz, @ 90° to c.a.; conformable to foliation; brecciated with 5-6% Po-Py as frac filling									
51.25	75.0	23.75	51.25-51.75 Bt-Hb Gneiss, dk.grey-green, vfg, 4-5% fg to cg (5 mm) euhedral to anhedral diss Py	100	3715	51.0	52.0	1.0	178	10		
			51.75-52.03 Bt-Hb Gneiss, silicified, pale grey, 3-4% fg diss Py									
			52.03-59.0 Bt-Hb-Garnet Gneiss, fg to mg, 2-3% fg diss Py and up to 3% garnet	100	3716	52.0	53.0	1.0	4	20		
				100	3717	53.0	54.0	1.0	4	10		

