

DDH No. YK-86-04 PAC: 145  
 CORE SIZE BQ FINAL DEPTH 92.7  
 STARTED 23/07/86 FINISHED 25/07/86

KERR ADDISON MINES LIMITED  
**KOE PROPERTY - Y08**  
 DIAMOND DRILLING - 1986

LATITUDE 0+20 S DEPARTURE 7+96 E  
 DIP AT COLLAR -45° BEARING 276  
 COLLAR ELEV. \_\_\_\_\_ LOGGED BY LL

FOOTAGE		%	GRAPHIC LOG					%	DESCRIPTION	MINERALIZATION		ALTERATION		STRUCTURE	ASSAYS		
FROM	TO	RECO- VERY	ROCK TYPE	ALTER- ATION	MINERA- LIZED ZONE	STRUC- TURE TO CORE	MoS <sub>2</sub>	VOL. %		MODE OF OCCURRENCE	VOL. %	TYPE MODE OF OCCURRENCE	KIND, DENSITY, ETC.	SAMPLE NO.	% Ag ppm	% Au ppb	
0	5.4	41%							OVERBURDEN RUBBLE								
									RHYOLITE TUFF LAPILLI TUFF								
									s.fr. + lim. broken			m. sil.			ppm	ppb	
												s. lim.					
5.4	6.9	20							RHYOLITE LAPILLI TUFF								
									- pale gy/bn, weathered s.fr., lim. broken.			s. lim.					
												m. cl., sil.					
6.9	8.5	25							as 5.4 with gougy sections containing tuff fragments								
												s. lim.					
												m. cl., sil.					
8.5	11.6	10							as 5.4, broken + rolled pieces								
11.6	14.6	50							BRECCIA & GOUGE								
									rhyolitic fragments in lim. matrix gouge and clay matrix.			s. lim.					
												loc. cl.		YK			
	14.6								BRECCIA				13.6 - 14.6	0401	0.9	45	
									- creamy yellow clay rich matrix rhyolitic fragments to 5mm.			l. cl.					
14.6	14.75	100			cl. 12				- m. gy/gn matrix, rhyolitic gy fragments, true width 2-5cm	nl.	disse-pyrite v.f.g.		m. lim. in irreg. fr., i. ser + cl.	14.6 - 16.00	02	3.5	40
14.75	17.25	100							BRECCIATED RHYOLITE								
									- pale - m. gy/gn rhyolite - rhyolite lapilli fragments in s. lim. matrix, loc. fr. are cavitous gougy cl. sections loc. fr. 75-85.			s. loc. cl.					
												s. lim.	16.00 - 17.25	03	1.8	5	

DDH No. YK-86-04 PAGE 2 of 5  
 CORE SIZE \_\_\_\_\_ FINAL DEPTH \_\_\_\_\_  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

KERR ADDISON MINES LIMITED  
**KOE PROPERTY - Y08**  
 DIAMOND DRILLING-1986

LATITUDE \_\_\_\_\_ DEPARTURE \_\_\_\_\_  
 DIP AT COLLAR \_\_\_\_\_ BEARING \_\_\_\_\_  
 COLLAR ELEV. \_\_\_\_\_ LOGGED BY \_\_\_\_\_

FOOTAGE		%	GRAPHIC LOG					%	DESCRIPTION	MINERALIZATION		ALTERATION		STRUCTURE	ASSAYS		
FROM	TO		RECOVERY	ROCK TYPE	ALTERATION	MINERALIZED ZONE	STRUCTURE TO CORE			VOL. %	MODE OF OCCURRENCE	VOL. %	TYPE MODE OF OCCURRENCE	KIND, DENSITY, ETC.	SAMPLE NO.	% Ag	% Au
17.25	22.2	65							RHYOLITE TUFF				S. lim				
							fr 75		- pale - n. gy/gn, s. fr. loc.				m. cl. + seg.				
							irreg.		brecciated to gangy, clasts								
									subangular, loc. to lapilli size								
									m.s. lim. in fr.								
22.2	22.95	100							BRECCIA - as 14.75								
22.95	23.1	100					c. 50		- pale yellow cl. a. matrix,				m. lim.	22.2 - 22.95	04	1.4	40
									fragments of rhyolite				s. cl.	22.95 - 23.4	05	63	2250
23.1	23.2	100					c. 40		- pale gn v. fig. matrix, siliceous				S. lim.				
									banded, rhyolite clasts pred.				m-s sil.				
23.2	23.4	100					c. 40		variably banded, heterolithic	1-2	py. diss - blebby		S. cl.				
									fragments to 3cm, usu. rhyolitic	to 5%	alk. gy. to bk v. fig.		loc. sil.				
									loc. gangy, siliceous bands		mineral commonly		S. loc. lim.				
									common in matrix		mixed in matrix						
23.4	24.6	100							RHYOLITE TUFF					23.4 - 24.6	06	8.4	600
							fr 45.6		pale gy-gn, s. weathered, lim.				S. lim.				
									s. fr.				m. cl.	26.1 - 27.6	07	1.1	45
24.6	31.4	100							RHYOLITE LAPILLI TUFF		py. loc. br. diss		m-s cl.	29.3 - 31.4	08	0.4	45
									- pale gy-gn, mottled, clasts				m. ser				
							fr 30-35		subrounded to angular, to 5cm				lim. loc.				
									rhyolitic, m. fr., patch lim.								
31.4	35.2	100					fr 45-55		- pale gy-gn, m. gy-gn, m. br.				m. loc. lim.	31.4 - 32.9	09	0.2	45
									mottled, m. fr., occas. gyp.				S. sil.				
									seams				loc. w. cl.				

## KERR ADDISON MINES LIMITED

DDH No. YK-P12-04 PAGE 3 of 5  
 CORE SIZE \_\_\_\_\_ FINAL DEPTH \_\_\_\_\_  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

KOE PROPERTY - Y08  
 DIAMOND DRILLING - 1986

LATITUDE \_\_\_\_\_ DEPARTURE \_\_\_\_\_  
 DIP AT COLLAR \_\_\_\_\_ BEARING \_\_\_\_\_  
 COLLAR ELEV. \_\_\_\_\_ LOGGED BY \_\_\_\_\_

FOOTAGE		%	GRAPHIC LOG					%	DESCRIPTION	MINERALIZATION		ALTERATION		STRUCTURE	ASSAYS		
FROM	TO		RECO- VERY	ROCK TYPE	ALTER- ATION	MINERA- LIZED ZONE	STRUC- TURE TO CORE			MOS <sub>2</sub>	VOL. %	MODE OF OCCURRENCE	VOL. %	TYPE MODE OF OCCURRENCE	KIND, DENSITY, ETC.	SAMPLE NO.	% Ag
35.2	36.4	100				c.	60		ANDESITE								
									- m. - dk. gn. m.g. mass. to w.p. with subhedral, 1-3 mm, feldspar phenocrysts, s. magnetic, m-s fr.		f.g. diss. py.		m.cl. s.lim. m. fr.				
36.4	40.05	100							RHYOLITE LAPILLI TUFF								
									as 31.4 w-m. p.		Py-loc. diss. Mn on fr.		var. cl. + ser.	36.4 - 37.9	10	0.3	45
40.05	41.2	100				f.	50-45	75	pale gn-bn-m.bn, s. fr. lim-hem + gyp. in irreg. fr. w-m. p.				m. sil. w-m. cl. ser				
41.2	44.85	100				f.	45		dk. gy to dk. bn. m-s fr. lim on fr. m. p. flow textures ~50-55°				s. sil. w. cl. m. lim loc.				
44.85	47.9	100							WELDED - FLOW BANDED LAP. TUFF.								
									- pale-m. gy/gn. partially welded to flow banded 65-75° m. fr.				m. cl. sil. ser m.-s. lim.	45.7 - 47.2	11	4.2	50
	46.4						45-50	80	limonitic brecciated vein, rhyolite fragments, lim matrix 1.5 cm								
							60										
47.9	48.1	100							- pale yellow, lim fr.				s. cl. m. lim ? jar?				
48.1	48.4	100							as 44.85								
48.4	48.45	101						45	BRECCIA					48.1 - 49.1	12	0.5	45
									Siliceous rhyolitic breccia with bright red stains (hem?) 5mm lim on upper contact - slickensides				m. cl. m.-s. lim, sil hem?				

## KERR ADDISON MINES LIMITED

DDH No. YK-91-04 PAGE 4 of 5  
 CORE SIZE \_\_\_\_\_ FINAL DEPTH \_\_\_\_\_  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

KOE PROPERTY - Y08  
 DIAMOND DRILLING-1986

LATITUDE \_\_\_\_\_ DEPARTURE \_\_\_\_\_  
 DIP AT COLLAR \_\_\_\_\_ BEARING \_\_\_\_\_  
 COLLAR ELEV. \_\_\_\_\_ LOGGED BY \_\_\_\_\_

FOOTAGE		%	GRAPHIC LOG				%	DESCRIPTION	MINERALIZATION		ALTERATION		STRUCTURE	ASSAYS		
FROM	TO	RECOVERY	ROCK TYPE	ALTERATION	MINERALIZED ZONE	STRUCTURE TO CORE	MoS <sub>2</sub>		VOL. %	MODE OF OCCURRENCE	VOL. %	TYPE MODE OF OCCURRENCE	KIND, DENSITY, ETC.	SAMPLE NO.	% Ag	% Au
48.45	50.8	100						as 49.85					50.4 - 51.4	13	0.7	60
50.8	51.0	100			c.	60		BRECCIATED RHYOLITE s. lim matrix, partly gassy				s. lim				
51.0	53.4	100						RHYOLITE LAP. TUFF pale gy/gn to mod. gy/gn, m.-s. fr.				w-m var. cl. w-m sil. lim on fr. (4 in?)	51.4 - 53.4	14	0.1	45
53.4	55.65	100						pale gy/gn, m. gy/gn to bn, mottled m.-s. fr. loc lim + hem				loc. hem. m.-s. sil. m.-s. lim.				
55.65	56.55	100						as 51.0					55.65 - 56.55	15	0.8	25
56.55	57.4							as 51.0 with pyritic veins and str. py + dark gyl mineral (Aspy), 40% of section 13 py str from 1mm to 5mm, loc. hem.					56.55 - 57.4	16	22	1850
57.4	59.2	100						as 51.0, loc. hem, loc. brecciation		mn on fr		loc. s. cl. w-m sil. lim on fr.	57.4 - 59.0	17	1.7	675
59.2	60.2							pale gy-gn, s. fr., occas. gyp. seam occas lim				s. cl., + ser. m. chl, w. lim loc				
60.2	62.5							pale gy-gn, m. fr., gyp. in irreg. to reg. fr	1-2	py diss and in small fr		m. cl, ser. var. lim.	60.4 - 61.9	18	1.3	60
62.5	63.1							pale-gy-gn mottled with lim, m. fr.	tr.	py diss		m.-s. sil. w-m cl.				

## KERR ADDISON MINES LIMITED

#355

DDH No. YK-86-24 PAGE 5 of 5

CORE SIZE \_\_\_\_\_ FINAL DEPTH \_\_\_\_\_

STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

KOE PROPERTY - Y08  
DIAMOND DRILLING - 1986

LATITUDE \_\_\_\_\_ DEPARTURE \_\_\_\_\_

DIP AT COLLAR \_\_\_\_\_ BEARING \_\_\_\_\_

COLLAR ELEV. \_\_\_\_\_ LOGGED BY \_\_\_\_\_

FOOTAGE		%	GRAPHIC LOG				%	DESCRIPTION	MINERALIZATION		ALTERATION		STRUCTURE	ASSAYS		
FROM	TO	RECOVERY	ROCK TYPE	ALTERATION	MINERALIZED ZONE	STRUCTURE TO CORE	MoS <sub>2</sub>		VOL. %	MODE OF OCCURRENCE	VOL. %	TYPE, MODE OF OCCURRENCE	KIND, DENSITY, ETC.	SAMPLE NO.	% Ag	% Au
63.1	63.45	100						as 62.5 s.fr. to crumbly				s. cl.				
63.45	66.1	100						as 62.5, occas. gyp seam	tr.	py. diss. loc.		loc. s. cl.				
66.1	66.8	100						as 62.5, s.fr. to crumbly	tr.	py. diss. loc.		s. cl.				
66.8	72.7	100						as 66.1 loc. s. lim., brecciated fr. loc.				loc. m. cl.	67.5 - 68.5	19	4.0	150
	68						50°	black specks throughout (mn. H <sub>2</sub> O?) gz-assy-lim str. in fr. 1cm zone		aspy			71.1 - 72.2	20	0.9	10
72.7	73.0	100		e. fr.	45°			s. fr. to brecciated, s. lim., s. hem and common bright pink mineral				s. lim. w. cl.	72.5 - 73.2	21	0.4	5
73.0	82.0	100						as 66.8, occas. gz-py-lim str.		occas. py in str.						
82.0	83.25				fr.	5-65		pale gy-gn - pale yellow, i. fr. to loc. crumbly				m-s cl. jar?	76.7 - 78.2 81.3 - 82.5	22 23	1.3 0.1	110 5
83.25	92.7	100			fr.	45-65		as 66.8, loc. i. fr., mottled bn with lim.		loc. Mn on fr. py in loc. str.		loc. s. cl.	83.2 - 84.5 89.3 - 90.3	24 25	0.7 0.6	10 15