

# KERR ADDISON MINES LIMITED

DDH No. YK 36-03 PAGE 1 of 8  
 CORE SIZE R<sub>60</sub> FINAL DEPTH 111.6 m  
 STARTED 21/07/86 FINISHED 23/07/86

## KOE PROPERTY - Y08 DIAMOND DRILLING - 1986

LATITUDE 0+20 S DEPARTURE 7+99 E  
 DIP AT COLLAR -45 BEARING 096°  
 COLLAR ELEV. 111.1 LOGGED BY 111

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	% Au		
4.3	8.2	85-90							RHYOLITE FLOW / TUFF - gy - pale gn - purplish, irreg clasts and flow textures give mottled appearance, v. g. groundmass, w. fs. p., m-s. fr. and broken, local 2mm qz str. in fr.	41-1	occas. py blebs Mn on fr. near base of section		loc. w-m. cl. m. sil. lim. on fr.	5.4 - 7.0	0301	YK	ppm	ppb
						fr. 35-65 str. 40										0.2	45	
8.2	9.9					c. 35			- porphyritic with 10-20 % altered euhedral to subhedral - 1-4mm phenocrysts. (feldspars?), pale gy / gn groundmass contains irreg. mafic frags as well (chl?), gyp. in irreg fr. as str. to 2mm w-m fr.		py. loc. in blebs + diss.		m. cl. + ser m. chl. loc. m. sil. lim. on loc. fr.					
						fr. 20-65												
9.9	16.5					str. 35			- as 4.3 - clasts locally to lapilli, gyp. in str., becomes pale green to lower contact. Flow banding and contact at bottom of section.		py. loc. diss. to blebs.		m-s. sil. lim. on fr. loc. w-m cl.	14.6 - 16.2	02	0.1	45	
						c. 35												
16.5	17.6								RHYOLITE TUFF - LAPILLI TUFF - buff - pale gn - gy groundmass and clasts, clasts are subangular to angular, lithic to lapilli, heterolithic mottled appearance m-s. fr. often hem + lim.				M-s. / lim m. cl.	17.3 - 18.1	03	0.5	45	
						fr. 45												

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 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		RECO- VERY	ROCK TYPE	ALTER- ATION	MINERAL- IZED ZONE	STRUC- TURE TO CORE	MoS <sub>2</sub>			VOL. %	MODE OF OCCURRENCE	VOL. %	TYPE MODE OF OCCURRENCE	KIND, DENSITY, ETC.	SAMPLE NO.	% Ag	% Au
17.6	17.8	100				fr.	45-50		BRECCIATED ZONE - common fr. brecciate tuff			lim. of fr.						
17.8	25.05	100							- as 16.5			m-s. lim. loc.						
	19.3					vn.	40		gz str. - 4mm, blebby lim		loc. py in str.	perv. and on fr.						
	20.0					vn.	40		gz str. - 5mm, loc. drusy and brecciated, lim									
						fr.	30-45		m. fr., gyp. occas. in irreg str.				19.0 - 20.2	04	0.4	35		
25.05	26.0	100				fr.	35-50		- gn - pale gr + gy, mottled, loc. very soft to crumbly, m. fr.			s. ser. cl. m. sil. lim. loc. on fr.	25.05 - 26.0	05	0.1	45		
26.0	26.4	100				fr.	45		as 16.5 - more limonitic perv. and on fr., gyp. on fr. occas.			s. lim m. cl.						
26.4	32.8	~100							as 16.5 - lim. loc. perv. and on fr. occas. gyp. in irreg. str.			m-s. lim m-s. cl ± ser.						
						fr.	20, 45, 70		m-s. fr. loc. blocky - loc. primary brecciation and siliceous fr. fillings				31.3 - 32.8	06	2.2	15		
32.8	33.0	100				c.	50		RHYOLITE TUFF - limonitic + hematitic, lithic size clasts. m-s. primary fr.			s. lim + hem.						

## #355

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	MINERAL IZED ZONE	STRUC- TURE TO CORE	MOS <sub>2</sub>	VOL. %	MODE OF OCCURRENCE		VOL. %	TYPE MODE OF OCCURRENCE	KIND, DENSITY, ETC.	SAMPLE NO.	% Ag	% Au		
33.0	34.75	100							RHYOLITE TUFF - LAPILLI TUFF as. 16.5			loc. s. lim						
	34.0				vn	35			qz vein - 5mm, drusy + limonitic m.fr. 1/8in. with lim.				33.5 - 34.5	07	1.2	35		
34.75	36.1	100			c.	55			RHYOLITE TUFF - pale gn/gy to m.gn/gy, lim. generally lithic size clasts			m-s. lim	35.4 - 36.1	08	1.3	15		
	35.75				vn.	55			qz str drusy - 2-5mm, lim. m.fr.			m-ser, ch.						
					f. 29.75	55												
36.1	36.25								RHYOLITE TUFF - LAPILLI TUFF as 16.5			m.sil.						
36.25	39.2								RHYOLITE TUFF as. 34.75 occas. hem. on fr + gyp.									
	38.85				vn.	40			qz str - 4mm, drusy + hem/lim									
	38.9				vn.	40			qz str - 2mm, drusy + hem/lim				38.3 - 39.2	09	1.1	30		
39.2	40.45	100							RHYOLITE - ANDESITE TUFF - m.gy/gn with dgn sections rich in mafics, flow structures between 50° and 50° m.fr.	1	py diss. to blebby loc.	m. car. sil? lim on fr.						
					fr	35-50												
40.45	40.6	100							RHYOLITE TUFF - as 34.75									

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 CORE SIZE Pro FINAL DEPTH             
 STARTED 21/07/86 FINISHED 22/07/86

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

LATITUDE            DEPARTURE             
 DIP AT COLLAR -45 BEARING             
 COLLAR ELEV.            LOGGED BY L.L.

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	% Au
	46.6				Vn	45		brecciated qz vein		py, Mn?						
	48.8				str.	35		qz stringer, lim on edges, 2-3mm		py, blebby						
	50.0				str.	45		qz-py str. fr. zone - 3cm, lim.		py, blebby			49.7 - 50.3	15	8.8	30
51.4	51.5	100				45		Qz str. breccia zone, lim + hem 3cm true width of zone		py, massive blebs			51.1 - 51.8	16	1.3	60
51.5	52.6	100						As 46.6 - very lim. and weathered towards base				s. lim + weathering				
52.6	52.85	100				50		Gouge - i. lim, clay,					51.9 - 53.0	17	10.7	65
52.85	53.6	100			fr.	45		RYOLITE TUFF - as 46.6 - qz in fr.		massive blebby py in qz str.						
	53.6				vein	45		pyritic vein, 0.8-1cm, lim.					53.3 - 54.0	18	1.1	10
53.6	55.0	100			fr	45		as 46.6 occas. gyp. in irreg. fractures		py occas. in fr.		s. weathered				
	54.7					40		lim. gouge								
55.0	56.8	100			fr.	35, 45, 60		m. gy/gn to d. gy/gn, occas. gyp. in seams		py, diss. and in fr. with lim.			54.9 - 55.8	19	1.0	35
	55.05				fr.	45		fracture		py. in fr.						
	55.45				fr	45		gougey fracture				s. lim.				
	56.00							gougey zone				s. lim.				
	56.8				fr	35		pyrite in fracture - 5-7mm		py. blebby						
56.8	57.7	100						s. hem.		occas. py. in fr.			56.5 - 57.1	20	2.0	70
57.7	57.8							<del>RYOLITE</del> - pale gy with patchy lim.								

STARTED 21/07/86 FINISHED 23/07/86

**#35**

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.	% Flg
54.6	56.3	100							RHYOLITE BRECCIA - gy, gn, rhyolite clasts to 2cm	10-50+	gy: massive to blocky in matrix and fr.		lim. in fr. m.s. sil. loc. hem.	57.5 - 58.4	21	56	385
56.3	61.5	100							RHYOLITE TUFF pale gy-gn to m.gy, lithic to massive to flow banded irregularly, s. fr. to loc. broken				m. ser. loc. w. sil. hem. + lim. in fr.	63.0 - 64.5	22	0.8	<5
64.5	65.65	100							RHYOLITE TUFF to BRECCIA pale gy-m.gy s. fr., mass. tuff to brecciated tuff, heterolithic clasts from 1mm to 2cm				s. sil. s. sil. lim. on fr. m. jar?	64.5 - 65.5 65.5 - 66.6 66.6 - 67.7	23 24 25	4.4 0.5 3.3	150 10 45
65.65	65.9	100							GOUGE - BRECCIA - rhyolitic clasts				s. lim, jar? s. cl.				
65.9	66.8	100							RHYOLITE TUFF - BRECCIA as 64.5, s. fr. to gouge + crumbled rock				m. jar? s. cl. s. sil. of rhyolite				
66.8	67.2	100							as 64.5, more gouged + crumbled								
67.2	67.4	100							as 65.9								
67.4	67.7	100							as 66.8								
67.7	69.5	90							pale gy - d. gy, loc. gony, broken, occas. Mn. on fr.				s. lim. s. cl. loc. m. sil. loc. occas. hem. on fr.	67.7 - 69.0 69.0 - 71.1	26 27	1.0 1.6	10 25

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 CORE SIZE PC FINAL DEPTH 111.6  
 STARTED 21/07/86 FINISHED 23/07/86

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	RECOVER	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.	% fg	% Av
69.5	71.1	40						as 67.7, broken				s. lim.				
												m. sil.	71.1 - 77.2	28	0.5	15
												w. cl.				
71.1	74.1	45						RYHOLITE BRECCIA buff to pale gy, broken, clasts to 2cm, 70-90% clasts	Mn			m. cl. lim. on fr.				
74.1	77.2	10			fr	40, 80		as 71.1				m.-s. lim.				
77.2	78.7	25						BRECCIA - pale gy-gn, broken, loc. crumbly and suggy, rhyolitic clasts and siliceous matrix, clasts to 2cm				s. lim. loc. m. cl.	77.2 - 78.7	29	0.8	40
78.7	80.2	40						as 77.2, partially cavitous with banded siliceous matrix				s. sil. of matrix loc.	78.7 - 80.2	30	3.5	200
												m.-s. cl.				
80.2	81.7	13						as 78.7, irreg. broken		py. diss to 10% loc.						
81.7	84.8	25						less blocky, very siliceous matrix		py. diss. to blebby loc.		loc. s. lim. loc. cl.	80.2 - 81.7	31	6.9	170
										d. bluish gy f.g. mineral loc. in irreg. patches and str. in matrix		sil.	81.7 - 84.8	32	8.1	345
84.8	85.1							as 77.2, broken to gouge				s. lim.	84.8 - 85.25	33	1.1	10

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 CORE SIZE 1/4" FINAL DEPTH 111.6  
 STARTED 21/02/86 FINISHED 23/07/86

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	RECO- VERY	ROCK TYPE	ALTER ATION	MINERA LIZED ZONE	STRUC- TURE CORE	MoS <sub>2</sub>		VOL. %	MODE OF OCCURRENCE	VOL. %	TYPE MODE OF OCCURRENCE	KIND, DENSITY, ETC.	SAMPLE NO.	% Ag	% Au
85.1	85.25							GOUGE				s.c.l.				
								clay rich gouge with rhyolite clasts.								
85.25	87.8	100						RHYOLITE TUFF				s.c.l.	85.25 - 86.3	34	0.6	45
								pale gy-gn to d.gy-gn to purplish, s.fr. to broken, loc. crumbly and gassy, wh. soft gassy mineral in loc. irreg. seams, loc. lapilli size clasts, pale yellow gouge common.					86.3 - 87.8	35	0.3	45
87.8	90.9	100						RHYOLITE-RHYODACITE TUFF / FLOW				lim. near and in fr. loc.	87.8 - 89.3	36	0.3	5
							Sr 35.4	m-d. gy to pale bn, mottled siliceous, n.s. fr., loc. gassy fr., loc. gyp. seams, loc. w.p.								
90.9	91.2	100						crumbled + gassy				Mn loc.				
91.2	91.9	100						as 87.8				Mn on fr.				
91.9	92.4							as 90.9								
92.4	111.6							as 87.8, loc. porphyritic, n.s. fr.	-1			py - cliss to bltchy loc.	92.4 - 93.9	37	0.2	10
							Sr 35.4, 80						100.0 - 101.5	38	0.3	45
													107.6 - 109.1	39	0.4	15