

KL-75-1

JD-35

# UNITED KENO EXPLORATION

## Diamond Drill Hole Log Page

PROPERTY King Lake LOCATION 105-D-14 CORE SIZE BQ STARTED Aug 20/75 COMPLETED Aug 23/75 LOGGED BY PIERCE

SECTION \_\_\_\_\_ NORTHING 30+00 N EASTING 14+50 E ELEVATION (collar) \_\_\_\_\_ ELEVATION (ground) 3087' BEARING \_\_\_\_\_

DEPTH 325 DIP (collar) -90 DIP SURVEYS \_\_\_\_\_ PURPOSE check TP anomaly + surface of incl. axis.

FOOTAGE		Minor		Rec.	LITHOLOGY	Graphic	ALTERATION: w-weak, m-moderate, s-strong										FOLIATION			FRACTURES			MINERALIZATION				
From	To	From	To			Contact	stain	2ndqtz.	epi.	chl.	k fel	kaolin	taum.	sil.	oxld.	Wet	graphic	degree	angle	graphic	density	angle	mo:bm:cp:mt:py	Occurrence			
0	23.6				Overburden, boulders																						
23.6	60.2			100	3a dk-m gr, dk gm, purple pyritic andesite, f-mg massive, equigranular thin 70' to 100' thick 20' to 15' rich replacement in massive. Along fractures of ch, sil fil sil from here occur. Remnants of fil up to 20mm frs occur frequently	60°			W	W				W													~1/2 in along face plane
	29.8	30.4			Shear zone,				M	M																	
	38.9	40.0			alt. zone, heavily fac sil, up, somewhat pyritic, then along fac																						10/ft 65° dis py
	41.6	42.8			large fac filling of sil with frag of andesite (breccia ~ 1/2" thick)																						11/ft 15° Tr Blc

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FOOTAGE		Minor		Rec.	LITHOLOGY	Graphic	ALTERATION: w-weak, m-moderate, s-strong										FOLIATION			FRACTURES			MINERALIZATION				
From	To	From	To			Contact	stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	graphic	degree	angle	graphic	density	angle	mo:bn:cp:mt:py	Occurrence				
					mgd alt to ep+ch.																						
		43.8	45.8		cal enrich along frs														8/12	50°			Tr. fr. dis. py				
		55.9	56.2		frs filling mass epi, miner sil,			m	m				W.						2/12	25°			1 1/2 lrg blebs along frs py.				
60.2	61.4				3a - mg, gr, porph andesite aphanitic, equigranular phenocryst 12% alt 30% 30% mpx, 12% alt 30% pheno to ep and py filling sil enrichment along frs.																		1 1/2 blebs repl. feld phenocr.				
61.4	82.2				3a - chl halos along frs filled with epi.	Top 65°(?) indistinct			W				W						2/12	40°			1 1/2 dis. frs filling, repl blebs py.				
		78.4	78.6		zones of sil, fel enrichment ep+py in frs, py pervasive																						
82.2	110.5	82.2	88.1		alt molted tex with 3a molted areas m-gr → wh alt ch, sil strong foliated zone at 87.6 - m weath, mass py along frac.	45° sharp			W	W	W		W							3/12	145°			2 1/2 dis. B. frs py			
Hole No. 1 Pg. 2																											



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FOOTAGE		Minor		Rec.	LITHOLOGY	Graphic	ALTERATION : w-weak, m-moderate, s-strong										FOLIATION			FRACTURES			MINERALIZATION				
From	To	From	To			Contact	stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	graphic	degree	angle	graphic	density	angle	mo:bn:cp:mf:py	Occurrence				
10.5	120.0				3b amygdaloidal aphanitic andesite - py. epi. amyg. - indistinct	5°			W	W	W			W						4/0-130°				1/3	amygdale fillings		
120.0	141.6				3a - aphanitic texture, heavy sil. in ch. amyg., almost completely replaced by sil. - sp. along fr.	indistinct			W					W						1/2-145° 1/2 55°				1/3	veinlets, dis.		
141.6	146.5				3a b k, gy (chloritic) andesite, h. some augite, 60% felsic, 30% mafic, alt 10% epi completely replacing most of larger crystals.	25° distinct			W	W				W	W					4/0 55°				1/3	dis. fr. fillings		
146.5	172.3	151.6	153.6	70	3a - core broken up	10° indistinct			m	m				W	W					2/4 120° 1/4 25°					2-3% dis. frs.		
172.3	175.7				3b amygdaloidal and. - py. epi amygdulcs.	45° indistinct								W						1/2 45°				1/3	py fillings in		
175.7	196.6				3a purple-gy - heavy alt to gray on sil clamp 182.6 - 189.6	35°			W	W				W						3/4 55°				2/3	veinlets, dis.		

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FOOTAGE		Minor		Rec.	LITHOLOGY	Graphic	ALTERATION : w-weak, m-moderate, s-strong										FOLIATION			FRACTURES			MINERALIZATION				
From	To	From	To			Contact	stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	graphic	degree	angle	graphic	density	angle	mo:bn:cp:mf:py	Occurrence				
196.6	209.5				3b	15°		W					W	W					2/PT	55					dis, frs.		
	201.7	202.1			zone of epi alt with sil veins with blebs of chl.	sharp																					
	203.5	205.5			3a - quartz	10° sharp													1/PT	23°							
209.5	216.6				3a	40° sharp							W	W					2/PT	60°					dis, frs. following		
216.6	221.7				3b	15°		W											1/PT	40°					dis, frs.		
	221.6				qtz = epi alt	sharp																					
221.7	225.1				3a	10°		W	W				W	W					1/PT	50°					dis fac following		
	232.9	233.1			fine alt to epi, chl, fel.	indistinct																					
258.1	270				3b dk grn amygdaloidal and ophanitic, irregular of cal. note - no mineralization	40° distinct													4/PT	80°					Tr. py Tr. in amygdal.		
270.1	289.3				3a highly altered to ep and chl, sil much along some fac.	30° distinct		S	S	m			m						7/PT	45°					dis, blebs		
	276	277			highly frs, weathered to hem. alt chl.									W													



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FOOTAGE		Minor		Rec.	LITHOLOGY	Graphic Contact	ALTERATION : w-weak, m-moderate, s-strong										FOLIATION			FRACTURES			MINERALIZATION				
From	To	From	To				stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	unalt	graphic	degree	angle	graphic	density	angle	mo:bn:cp:ml:py	Occurrence			
		276	278		lt gray aphanitic and.																		-				
		282	287		shear zone, heavily fs, streaked central of zone ch. clay (kaol) form in pt.		m						1/2	w									1/2 dia. py.				
289.3	298.7				shear zone, heavily fs 5° Hatching in aphanitic vol - progressing to a phic breccia				S	M			1/3										1/2 dia. fs. py.				
298.7	301.3				3a lt gray granular fs, massive, indistinct marginal, felsic 85% op. ch 5%, alt 5% sil. amib, then along fs.				m			m											1/2 to dia.				
301.3	325				3a													10/100	130°				1/2 dia. Uls. fs.				
		308	311		shear zone, heavily fs, clay (kaol) form in pt, cal. sil much along fs.					m								10/100	140°				1/2 dia. fs.				