

UNOCAL GEOTHERMAL - ALEX SCHRIENER

8-1 GROUP BULK + CLAY XRD SAMPLE NO.	MINERALOGY, APPROX. WT.% <input checked="" type="checkbox"/> (or) RELATIVE ABUNDANCE <input type="checkbox"/>																NOTES, OTHER						
	QUARTZ	PLAGIOCLASE	K-FELDSPAR	CALCITE	ANHYDRITE	PYRITE	MAGNETITE/ILMENITE	HEMATITE	TANTALITE/SERPENE	LEUCOCENE	EPIDOTE	CUNOPHYROXENE	ACTINOLITE	SMECTITE	MIXED-LAYER ILLITE-SMECT	ILLITE ± 10Å MICA		CHLORITE	KAOOLIN	DOLOMITE	FERRUGIN DOLOMITE	% ILLITE IN M.L. ILLITE/SMECT.	AMORPHOUS / UNKN. OBJECT.
BULK:																							
848	30	16	12	8	2	TR						5		7		6			6			8	
1730	37	3	5	9	TR	8		2?					4	8		11	4	3			6		
2578	27	10		3	14	1?							16	10		4		14				1% - SICCRITE	
3212	26	6	4	5	2								29	11	1	7		9					
3538	22	6	3	7	2								28	13	3	9		7					
3934	65	1		10	1								10	6	3	2		2					
CLAY:																							
848												17		37		46							
1730													24	40		36					50		
2578													56	27	TR	17					50		
3212													67	16	5	12					50		
3538													65	13	9	13					60		
3934													37	46	10	7					90		

MM = PREDOMINANT M = MAJOR m = MINOR Tr = TRACE ? = TENTATIVE IDENTIFICATION



SUMMARY OF X-RAY DIFFRACTION ANALYSIS
 UNIVERSITY OF UTAH RESEARCH INSTITUTE, EARTH SCIENCE LABORATORY

S. Lutz
 3-20-89

UNOCAR - Alex SCHRIENER

MINERALOGY, APPROX. WT.% (or) RELATIVE ABUNDANCE

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SECTION SGA-BUT SIM.

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SAMPLE NO.

	QUARTZ	PLAG	KF	CHLORITE	ANHYDRITE	HEMATITE	PYRITE	IMPURE HEMATITE	EPIDOTE	SPINEL RUTILE WILKINSONITE	KAPLIN	CHLORITE	BIOTITE	ILLITE (MICA)	IL-SIS	SMA	PTL IN LUSM	DOLomite	KAOLIN ILLITE HEMATITE	F. SPINEL (KNO3)		
BULK:																						
848	30 23	16	12	8	2						6	? 7	7		5				6		8	
1730	39 22	3	5	9	TR		78				11	? 8	4					4	3		8	
2578	29 24	10		3	14						4		10	16					14		—	
3212	26 18	6	24	5	2						7	1	11	25					9		—	
3538	22	6	3	7	2						9	3	13	28					7		—	
3934	65 63	1		10	1						2	3	6	10					2		—	
CLAY:																						
848											46		← 37			17						
1730											36		← 40	24		50						
2578											17	TR	27	56		50						
3212											12	5	16	67		50						
3538											13	9	13	65		60						
3934											7	10	46	37		90						

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