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ANALYTICAL REPORT

900163

UTAH POWER & LIGHT COMPANY

MR. GUY DAVIS
P.O. BOX 310 MINING DIVISION
HUNTINGTON UT 84528

WASTE ROCK ANALYSIS



16-FEB-90

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P.O. BOX 310 MINING DIVISION
HUNTINGTON UT 84528
MR. GUY DAVIS

CORE LABORATORIES
P. O. BOX 1407
HOUSTON TX 77251-1407
MR. ED YORK

CLIENT I.D. WASTE ROCK ANALYSIS

01 SOIL SEDIMENT
02A ROCK CRUSHED
02B ROCK PULVERIZED
03A ROCK CRUSHED
03B ROCK PULVERIZED



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JOB NO: 63020900163
CHEMIST: ETK
LOCATION: TYLER, TX

WASTE ROCK ANALYSIS

SAMPLE NO.	SAMPLE I.D.	PH UNITS	COND MMHOS	NEUT POT %	TOT-SUL %	PYR-SUL %	SO4-SUL %	ORG-SUL %	ACID POT %	A B POT %
01	SOIL SEDIMENT	8.0	1.20	17.4	0.29	0.07	0.01	0.21	0.91	16.5
02A	ROCK CRUSHED	7.6	2.10	25.5	0.35	0.06	0.07	0.22	1.09	24.4
02B	ROCK PULVERIZED	8.7	1.40	31.5	0.19	0.06	0.09	0.04	0.59	30.9
03A	ROCK CRUSHED	8.3	0.34	45.2	0.11	0.08	<0.01	0.03	0.34	44.9
03B	ROCK PULVERIZED	8.6	0.28	52.1	0.10	0.10	<0.01	<0.01	0.31	51.8

02A, 02B - ROCK WITH CARBON MATERIAL
03A, 03B - ROCK WITHOUT CARBON MATERIAL

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SAMPLE NO.	SAMPLE I.D.	SOL-CA MG/L	SOL-MG MG/L	SOL-NA MG/L	SAR	SATURATN %	CACO3 %	BORON MG/KG	SELENIUM MG/KG
01	SOIL SEDIMENT	4.19	4.23	17.5	8.55	34.8	16.7	1.1	<0.005
02A	ROCK CRUSHED	31.1	4.66	2.37	0.56	15.8	15.4	0.3	<0.005
02B	ROCK PULVERIZED	40.9	8.81	1.94	0.39	25.1	30.7	0.6	<0.005
03A	ROCK CRUSHED	1.66	1.28	0.38	0.31	11.4	33.0	0.1	<0.005
03B	ROCK PULVERIZED	2.28	2.59	0.60	0.38	21.9	53.2	0.1	<0.005

		SAND %	SILT %	CLAY %	CLASS
01	SOIL SEDIMENT	58	30	12	SA-LOAM
03B	SOIL SEDIMENT	58	28	14	SA-LOAM

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