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PLATEAU MINING CORPORATION
WILLOW CREEK MINE
847 NORTHWEST HIGHWAY 191
HELPER, UTAH 84525
(435) 472-0475

FAX NUMBER: (435) 472-4782 (Accounting and Technical Services)

TO: Bob Davidson **DATE:** 9/24/99

DEPT.: **PAGES:** 4
(INCLUDING THIS COVER SHEET)

FAX No.:

FROM: J. Pappas

ACT/007/038
#2

SUBJECT: Gravel Suitability Analyses

Copy Bob

COMMENTS:

Bob,

These are the preliminary results for the crush rock the we are considering for use a gravel on our roadways within the mine permit area, and possibly outside the permit area.

What do you think about the results? The SAR is a little high at 33, but overall how do things look. We could probably tweek the screens to minize any shaley material. will run additional tests if your conclusions are promising to the

Cyprus Plateau Mining

Price, UT

Client Project ID: Willow Creek Mine

Date Received: 08/27/99

IML Project #0399S04588

Report Date: 09/20/99

Lab Id	Sample Id	Depths	pH	EC	Saturation	Ca	Mg	Na	SAR	Sand	Silt	Clay	Texture USDA
			s.u.	mmhos/cm	%	meq/L	meq/L	meq/L		%	%	%	
99S04588	Refuse Pile	N/A	8.4	2.27	23	0.58	0.47	24	33	72	20	8	SL

PRELIMINARY

Cyprus Plateau Mining

Price, UT

Client Project ID: Willow Creek Mine

Date Received: 08/27/99

IML Project #0399S04588

Report Date: 09/20/99

Lab Id	Sample Id	Depths	Total Sulfur %	Acid Base Total S t/kt	Neutral Potential t/kt	ABP Total S t/kt
99S04588	Refuse Pile	N/A	0.19	5.9	116.1	110.2

PRELIMINARY

Cyprus Plateau Mining

Price, UT

Client Project ID: Willow Creek Mine

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Lab Id	Sample Id	Depths	Boron Soluble	Selenium	TOC	Organic Matter	Nitrate Nitrogen	TKN	1/3 bar Water	15 bar Water	Avail. Sodium	CEC	Exch. Sodium	ESP
			mg/Kg	mg/Kg	%	%	mg/L		%	%	meq/100g	meq/100g	meq/100g	%
99S04588	Refuse Pile	N/A	0.5	0.05	3.0	5.2	<0.2	0.0	14.1	3.6	1.7	4.2	1.2	28

0.15 %

PRELIMINARY