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**CYPRUS PLATEAU MINING CORPORATION  
WILLOW CREEK MINE  
PO DRAWER 7007, PRICE, UTAH 84501  
847 NORTHWEST HIGHWAY 191, HELPER, UTAH 84526**

**FAX: (435) 472-4782 (Accounting & Technical Services)**

**TO:** Pam Gruberg-Littig **DATE:** 10/1/98  
**DEPT:** \_\_\_\_\_ **PAGES:** 5  
**FAX #:** \_\_\_\_\_ (including this cover sheet)  
**FROM:** J. Pappas  
**SUBJECT:** Blast Plan for Handscribble

**COMMENTS:**

Person have certified Blast plan and authorize so that we can finish reclamation of Handscribble

Randy looked at ad  
of Gary Spill  
pgl 10/1/98

ACT/007/004 #2

Thanks Copy Joe: Jason

Could Pete or Steve approve @ PFO?

~~XXXXXXXXXXXX~~



**CYPRUS PLATEAU  
MINING CORPORATION**  
A Cyprus Amax Company

Willow Creek Mine  
847 Northwest Highway 191  
Helper, Utah 84526  
(435) 472-0475  
Fax: (435) 472-4780

October 1, 1998

Utah Coal Regulatory Program  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Attention: Pamela Grubaugh-Littig

RE: Blasting Plan for Blast Under Five Pounds, Castle Gate Holding Company, Castle Gate Mine, ACT/007/004, Carbon County, Utah

Dear Ms. Grubaugh-Littig:

Regarding the aforementioned, Castle Gate Holding Company needs to breakup a concrete footer measuring approximately 12' x 12' at its Hardscrabble reclamation site. As soon as this piece of concrete is broken up, completion of the reclamation project can occur.

Therefore, it would be greatly appreciated if the certified blaster at the Division could review the enclosed proposal to blast and expedite his or her authorization to proceed. Once authorization is given and the blast takes place, the blasting record will be completed and retained in the Hardscrabble file.

If you have any questions or need anything else, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Johnny Pappas'.

Johnny Pappas  
Sr. Environmental Engineer

Enclosure

File: Hardscrabble  
Chrono: JP98101.LTR

BLASTING RECORD (page 1 of 2)		
Cyprus Plateau Mining Corporation P.O. Drawer FMS 247 NW Highway 197 Alce, Utah 84504 Helper UT 84526 (801) 637-2875 (ext) 472-4741		Blastor in Charge: <u>Cory MacFarlane</u>
Shot Number:		License No.: <u>529-41-5185</u>
Date:	Time:	Number in blasting crew: <u>2</u>
Location: <u>Hand scraple</u> <u>Carbon County</u>		Explosives used: <u>Kin stick</u>
Distance to nearest structure: <u>3 miles</u>		Weight of explosive used: <u>1/3 lb</u>
Direction to nearest structure: <u>East</u>		*Max. number of explosives detonated: <u>4</u>
Weather Conditions Temperature: _____ Wind Direction: _____ Wind Speed: _____ Other: _____		*Max. number of holes detonated: <u>4</u>
Material blasted: <u>Concrete</u>		Method of firing: <u>Electric</u>
Number of holes: <u>4</u>	Diameter of holes: <u>1 1/2"</u>	Type and length of stemming: <u>Clay 30"</u>
Burden distance: <u>3'</u>	Spacing distance: <u>3'</u>	Protection used: _____
Depth of holes: <u>4'</u>	Type of delay detonator used: <u>Electric cap</u>	
Reason for unscheduled blast: _____		
*Detonator within any 8 millisecond period.		
Signature: <u>Cory M.S. MacFarlane</u> Blastor in Charge		

Delay pattern sketch attached

BLASTING RECORD  
(page 2 of 2)

DELAY PATTERN SKETCH

no delays



