



**CYPRUS-PLATEAU MINING CORP.**

An Affiliate of Cyprus Coal Company

P.O. Drawer PMC

Price, Utah 84501

Telephone (801) 637-2875

July 25, 1988

**RECEIVED**  
JUL 27 1988

Mr. John Whitehead  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

DIVISION OF  
OIL, GAS & MINING

Re: **Response to May 30, 1988 Letter**  
**Stipulations 817.52 (2b), 817.71-.74 and 817.101**

Dear Mr. Whitehead:

The following responses are made to address the three memorandums attached to your letter of May 30, 1988 dated May 18, 1988 (Tom Munson), May 13, 1988 (Pamela Grubaugh-Littig) and May 13, 1988 (Richard V. Smith).

**817.52 (2b)**

Response:

Revised Tables 81 and 82 are enclosed showing the addition of Total Settleable Solids, Acidity and Dissolved Oxygen to Table 81 and the addition of Total Settleable Solids, Cation-Anion Balance and Dissolved Oxygen to Table 82.

**817.71-.74**

Response:

1. Map 39 Sheet 6, Disturbed Area Soils Map has been revised to show the location of the refuse pile test holes; fourteen copies are enclosed.

2. The latest estimate of coal to waste rock indicates approximately 5.5 million tons of waste will be produced during the mine life. This represents approximately 26 percent of the total coal produced from the mine.

Caution must be used in considering this estimated figure. There are many variables that will dictate the ultimate coal to waste percentage and to the total coal tonnage to be mined. It is impossible to make an accurate calculation of in-place coal tonnages or of waste tonnages because of the following factors (to mention a few):

- A. Uncertainty of geologic features and mechanisms that affect coal recovery, such as; faults, sandstone channels, grabens, burned coal, oxidized coal and unstable areas.
- B. Uncertainty of multiple seam mining upon reserve base.
- C. Preparation Plant efficiencies change over time and with improvements.
- D. Market changes such as raw coal contracts and variations in contracts that dictate blending of various coals to meet contract specifications.

3. A Plan for monitoring refuse prior to reclamation was submitted to the Division dated April 27, 1988. The plan can be found starting on page 5 and ending on page 11.

**817.101**

Response:

The stability analysis referred to as Exhibit 44 was submitted to the Division by letter dated July 28, 1987 in response to Stipulation 817.101 (1) (PGL). If the Division has misplaced this Exhibit, please let me know so additional copies can be provided.

I hope this resolves these stipulations; if there are additional questions please let me know.

Respectfully,



Ben Grimes  
Sr. Environmental Engineer

BG:pb

Enclosures

File No. ENV 1-5-1-12  
Chrono NO. BG 88-0701