

0021



fill ACT-007-006 PFD
FOLDER #5

Cyprus Plateau Mining Corporation
P.O. Drawer PMC
Price, Utah 84501
(801) 637-2875

Jac: Please have a person from price review
- that plan (sample lib) they are still
formulating final action.
Thy. 07/06
Luel

FACSIMILE TRANSMISSION

TO: LOWELL BRAXTON

FROM: BEN GRIMES

COMPANY: _____

COMPANY: _____

DEPT./MAIL CODE: _____

DEPT./MAIL CODE: _____

This is page #1 of 3 pages.

Date: ~~6/2/94~~ 5/4/94

Time: 6:55

a.m.

p.m.

To acknowledge transmission, or if you do not receive all pages of this transmission, please call:

Name: _____

At (801)637-2875, Extension: _____

Message/Comment:

from Jch
6/2 - Spoke w John Bonta @ Plateau; he and Loni
will be formulating a clean-up plan for the slide. They
have recently repaired a water line break that had resulted
in some movement of the material.

For Return FAX, dial (801) 637-2247 (Direct Line)



Cyprus Plateau Mining Corporation
P.O. Drawer PMC
Price, Utah 84501
(801) 637-2875
Fax: (801) 637-2247

May 4, 1994

FAXED 5/4/94

Utah Coal Regulatory Program
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Mr Lowell Braxton

Dear Mr. Braxton,

RE: SLIDE ON MINE ACCESS ROAD - PLAN OF ACTION

On May 2, I notified you of the slide on our mine access road that took place at approximately 11:00 AM on that day. This letter is to follow up with a preliminary plan of action to stabilize the slide, to attempt to prevent further failure of the access road, and to prevent additional contributions of soils and black material into the channel at the bottom of the slide.

We have had Dr. Ralph Rollins of Rollins, Brown and Gunnel Consulting Engineers look at the slide and give us his opinion of the stability of the failed area and the remainder of the mine access road. Dr. Rollins is concerned that attempts to remove any of the remaining road fill or slide materials in the area may destabilize the road and may cause the situation to become much worse. His recommendation is to cut a small path into the top of the failed material and start backfilling and compacting granular fill material in lifts to reestablish the road base and to stabilize the remaining road.

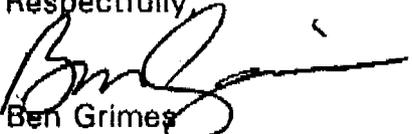
The black material and soils that slid down the slope will be extremely difficult to remove considering the slope and configuration of the road fill and alignment without jeopardizing the stability of the remaining fill. We will start the process of filling and compacting the fill material on Thursday May 5, 1994. After evaluating the stability of the area, a plan will be formulated to stabilize the failed material including the black

Ben Grimes
Page 2
May 4, 1994

material. A final plan of action will be forwarded to your office as soon as it is completed. In the meantime, we will install either straw bales or silt fencing at the toe of the failed material near the bottom of the canyon to help prevent additional contributions of material into the channel. The safety of workers installing straw or silt fencing below the slide has prevented us from installing the bales or fencing up to this point.

If you have questions please call either myself or John Borla at 637-2875.

Respectfully,



Ben Grimes
Sr. Environmental Engineer

c: Bill Malencik

File: ENV 7.3.5
Chron: BG940503



4
5

inspection report

Partial Inspection Date: May 8, 1994
 Complete Time: 8 : 30 ~~am~~ pm to 10 : 30 ~~am~~ pm
 Exploration Date of Last Inspection: 4/21/25/94

Mine Name: Starpoint County: Carbon Permit Number: Act 007/006
 Permittee and/or Operator's Name: Cyrus Mining Corporation
 Business Address: P.O. Drawer, P.M.C., Price, Utah 84501
 Type of Mining Activity: Underground Surface Prep. Plant Other
 State Officials(s): Bill Malencik & Pat Hero
 Company Official(s): BEN GRIMES
 Federal Official(s): N/A
 Weather Conditions: Cloudy - Rain Intermittent / Damp Mine Site

Existing Acreage: Permitted-7200 Disturbed-220 Regraded-_____ Seeded-_____ Bonded-220
 Increased/Decreased: Permitted-_____ Disturbed-_____ Regraded-_____ Seeded-_____ Bonded-_____
 Status: Exploration / Active / Inactive / Temporary Cessation / Bond Forfeiture
 Reclamation (Phase I / Phase II / Final Bond Release / Liability _____ Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT COMMENTS

Permit No. Act 007/006

Inspection Date 5/3/94

Please number comments to correspond with topics on previous page.

General Comments: Received a telephone ^{call} from Ben Premis, Senior Environmental Engineer. He reported that on Monday May 2, 1994, a slide had occurred on the downslope of the Iron Deck class I road. The slide took place between the coal stacking take and the first road switch back.

Slide: Pete Hoss (DOGUM), Ben Premis, and the undersigned met at the triple area and proceeded to the area that was involved with the slide. The slide occurred on 5/2/94. Immediately Mr. Premis notified the Division both headquarters and the Price Field Office. Also he stated the following:

- (1) Hired a consultant who had previously been involved with the haul road to provide a report based on field investigation on what alternatives exist to remove the power and other fire material that had slid down slope, cleanup such undesirable material and reconstruct and stabilize the road and outslope.

Copy of report mailed to _____

Copy of report given to _____

Inspector's signature _____

No. _____

WHITE -- DOGM YELLOW -- OSM PINK -- PERMITTEE/OPERATOR GOLDENROD -- NOV FILE

INSPECTION REPORT COMMENTS

Permit No. Act 007/006

Inspection Date 5/3/94

Please number comments to correspond with topics on previous page.

(2) He stated and we concurred with his proposal to place straw bales ~~on~~ silt fence to preclude any of the material from entering the undisturbed drainage until an approved action plan is implemented. My observations are as follows.

(1) The company officials took prompt action on matters relating to the slide.

(2) The area was signed and the area of the slide plus a buffer area was barricaded by jersey barriers.

(3) The road was constructed in 1978 and is blacktopped.

(4) Some cracks on the same road above the slide area were noted and they too may be indicative of a problem. Suggest the consultant also evaluate the aforementioned areas.

(5) The slope where the slide occurred is 1 1/2:1.

(6) The upper portion was vegetated, composed of grasses, some brush and forbs. The lower segment also had some evergreens, primarily fir.

Copy of report mailed to _____

Copy of report given to _____

Inspector's signature _____

No. _____

WHITE - DOGM YELLOW - OSM PINK - PERMITTEE / OPERATOR GOLDENROD - NOV FILE

INSPECTION REPORT COMMENTS

Permit No. Ad 007/006

Inspection Date 5/3/94

Please number comments to correspond with topics on previous page.

(7) The slide area measured about 100' wide at the top and 200 feet long. It was roughly triangular in shape. It encroached about 20' into the blacktopped portion of the road. The foregoing measurements were derived by pacing. Estimated the length of the slide at 200'.

(8) Three large ~~live~~ trees acted as a barrier and held a sizeable quantity of the material from being deposited into the undisturbed drainage. Some material was deposited below the trees, but less than a bucket full went into the creek. No movement of material took place while we were at the slide site. Bucket referred to above is a water bucket (2-3 gallon).

(9) Exposure of the slide - ~~nothing~~.

(10) Since the operator took all the prudent and required steps associated with a slide and whereas no adverse environmental impact to the undisturbed drainage took place, therefore, no violation was deemed appropriate. The interim measures suggested by Mr. Quinn were approved on site at area of installation by the undersigned.

Copy of report mailed to _____

Copy of report given to _____

Inspector's signature _____

No. _____

WHITE - DOGM YELLOW - OSM PINK - PERMITTEE/OPERATOR GOLDENROD - NOV FILE

INSPECTION REPORT COMMENTS

Permit No. Act 007/006
Inspection Date May 5, 1994

Please number comments to correspond with topics on previous page.

- (11) The cause of the slope failure in my opinion was moisture in the fill, nature of some of the fill material, and steep slope (1 1/2-1)
- (12) Because of safety and other reasons, would recommend the Division do what ever preparatory steps are necessary to pave the way for a prompt evaluation of the cleanup/road reconstruction/rehabilitation plan. Suggest that the plan be designed as final reclamation since the road will be a dedicated county road when the mine is reclaimed.

Diversion Diversion about the tipple adjacent to the main haul roads had recently been regraded.

See attachment for print photographs of the slide area.

Copy of report mailed to CPC/Ben Grimes; OSM/Marcia Petta; DOGM/Joe Helfrich

Copy of report ^{filed} given to PFO

Inspector's signature Jim J. Malinich No. 2.6

WHITE - DOGM YELLOW - OSM PINK - PERMITTEE / OPERATOR GOLDENROD - NOV FILE

5/5#6/94

Memo

To: Files, Accompany DOGM Inspection Report of 5/3/94

From: Wm. J. Malencik

Subject: Main Deck Class I Road Slide
Starpoint Mine, Cyprus Plateau Mining Corp.

Date: Slide Took Place 5/2/94
Photos 5/3/94



Other Details

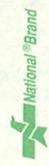
North Facing Slope

Jersey Barriers Installed for Safety Reasons.

One Lane of the Road is Useable and in use.

Slide encroached into about 20' of blacktop.

42-381 50 SHEETS EYE-EASE 8 1/2 SQUARE
42-382 100 SHEETS EYE-EASE 8 1/2 SQUARE
42-383 200 SHEETS EYE-EASE 8 1/2 SQUARE
42-392 RECYCLED WHITE 8 1/2 SQUARE
Made in U.S.A.



Staxpoint Mine Iron Deck Road Slide



Approx
200' long
100' wide

Side hill view of the slide / looking in easterly direction
Coal fines mixed with soil material / black colored material



Evergreen trees acted as a barrier.

42-381 50 SHEETS EYE-EASE 5 SQUARE
42-382 100 SHEETS EYE-EASE 5 SQUARE
42-383 200 SHEETS EYE-EASE 5 SQUARE
42-384 400 SHEETS EYE-EASE 5 SQUARE
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42-620

Starpoint Mine High Deck Road Slide



Undisturbed drainage. About a water buck full of slide material reached the stream channel

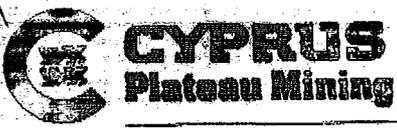
Actions Taken By Undersigned

- Approved the cleanup in the stream and the installation of straw bales/silt fence adjacent to the cleared stream to preclude additional material from entering the stream channel. Recommended: cleanup, stabilizing slope and reseed and reclamation/permanent of the slope. Permanent reclamation rather than interim is recommended since this road will be a county road upon reclamation

Action By Permittee

- Notified the Division & PFO on 5/3/94
- Took necessary safety precautions
- Hired a outside consultant to study slide and make recommendation
- Permittee will submit a plan to Division on corrective actions they believe are necessary.

Jim Maloney



Cyprus Plateau Mining Corporation
P.O. Drawer PMC
Price, Utah 84501
(801) 637-2875

only
cc J. [unclear]
PFD
UB
55-94

Joe: these have a person from price review
- that plan (sounds like they are still
formulating final actio).
Thy
Lue
007/006

FACSIMILE TRANSMISSION

TO: <u>LOREN BRAXTON</u>	FROM: <u>BEN GRIMES</u>
COMPANY: _____	COMPANY: _____
DEPT./MAIL CODE: _____	DEPT./MAIL CODE: _____

This is page #1 of 3 pages.

Date: ~~6/5/94~~ 5/4/94 Time: 6:55 a.m. p.m.

To acknowledge transmission, or if you do not receive all pages of this transmission, please call:

Name: _____ At (801) 637-2875, Extension: _____

Message/Comment:

For Return FAX, dial (801) 637-2247 (Direct Line)



Cyprus Plateau Mining Corporation
P.O. Drawer PMC
Price, Utah 84501
(801) 637-2875
Fax: (801) 637-2247

May 4, 1994

FAXED 5/4/94

0071006

Utah Coal Regulatory Program
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Mr Lowell Braxton

Dear Mr. Braxton,

RE: SLIDE ON MINE ACCESS ROAD - PLAN OF ACTION

On May 2, I notified you of the slide on our mine access road that took place at approximately 11:00 AM on that day. This letter is to follow up with a preliminary plan of action to stabilize the slide, to attempt to prevent further failure of the access road, and to prevent additional contributions of soils and black material into the channel at the bottom of the slide.

We have had Dr. Ralph Rollins of Rollins, Brown and Gunnel Consulting Engineers look at the slide and give us his opinion of the stability of the failed area and the remainder of the mine access road. Dr. Rollins is concerned that attempts to remove any of the remaining road fill or slide materials in the area may destabilize the road and may cause the situation to become much worse. His recommendation is to cut a small path into the top of the failed material and start backfilling and compacting granular fill material in lifts to reestablish the road base and to stabilize the remaining road.

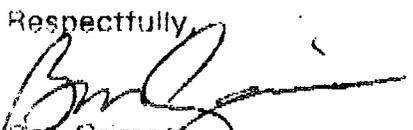
The black material and soils that slid down the slope will be extremely difficult to remove considering the slope and configuration of the road fill and alignment without jeopardizing the stability of the remaining fill. We will start the process of filling and compacting the fill material on Thursday May 5, 1994. After evaluating the stability of the area, a plan will be formulated to stabilize the failed material including the black

Ben Grimes
Page 2
May 4, 1994

material. A final plan of action will be forwarded to your office as soon as it is completed. In the meantime, we will install either straw bales or silt fencing at the toe of the failed material near the bottom of the canyon to help prevent additional contributions of material into the channel. The safety of workers installing straw or silt fencing below the slide has prevented us from installing the bales or fencing up to this point.

If you have questions please call either myself or John Borla at 637-2875.

Respectfully,


Ben Grimes
Sr. Environmental Engineer

cc: Bill Malencik

File: ENV 7.3.5
Chron: BG940503