

PLATEAU MINING COMPANY

BORROW PIT AREA

Construction and Reclamation Plan

**RECEIVED**

OCT 14 1980

DIVISION OF  
OIL, GAS & MINING

10/11/80

SUBJECT:

Construction and Reclamation Plans for the Borrow Pit Area adjacent to the new Overland Belt System.

PURPOSE:

Plateau Mining Company is in the process of constructing a new mine access road and overland belt system. The road and belt system are located on a grade established by cutting small ridges and filling small valleys up Wattis Canyon. The borrow pit area was established to provide additional fill material and a uniform material for surfacing the new road.

RESPONSIBLE PERSON:

Floyd J. Tucker  
Executive Vice President and General Manager  
Plateau Mining Company  
P.O. Drawer PMC  
Price, UTAH 84501  
(801) 637-2875

COAL LEASES:

The coal leases under which Plateau Mining Company currently operates are as follows:

Federal Coal Lease	SL 031286
Federal Coal Lease	U 7949
Federal Coal Lease	U 13097
Federal Coal Lease	U 37045
Utah State Coal Lease	22729

SURFACE OWNERSHIP:

The borrow pit area is located on ground owned by the State of Utah. Plateau Mining Company leases the land through the Utah State Land Board by means of Special Use Lease Agreement No. 288. The responsible official is:

Charles R. Hansen  
Director  
State of Utah, State Land Board  
Stand Lands Division  
231 East 400 South  
Salt Lake City, UTAH  
(801) 533-5281

LOCATIONS:

N1/2 NE1/4 Section 16, T15S, R8E, Salt Lake Base and Meridian.  
(See Exhibit No. 1, Location Map)

CONSTRUCTION PROCEDURE:

Plateau Mining Company removes material from this area by means of tractors, front-end loaders, and dump trucks. The native material is pushed with tractors into large unconsolidated piles from which the loaders can fill the trucks. The material is then hauled to the point of deposition and the trucks return for another load.

The borrow pit area has been used for the past two years. As material is taken out, the side slope is maintained at a near two to one incline. (See Exhibit No. 2, Borrow Pit Plan). This slope allows for sufficient stability and reclamation potential.

Material from the borrow pit area will continue to be removed for the next two years, although at a decreasing rate. As the final grade and paving of the new road is achieved, material will no longer be needed to fill in areas of settling and to build the berm. The final configuration of the borrow area will be in harmony with the surrounding slopes in the Wattis Canyon.

SEDIMENT CONTROL:

Since the elevation of the borrow pit is constantly being lowered as material is removed, at the present time it is impossible to construct a permanent sediment control structure. However, a temporary means of sediment control is being utilized by Plateau. This consists of a large embankment being constructed at the lowest end of the pit area. This large "berm" prohibits runoff waters from entering the Wattis Canyon stream channel. As the pit is lowered, the retaining embankment is also lowered. Until the final configuration of the borrow pit area is attained, this procedure will be followed.

The permanent sediment control structure will be constructed when borrow material is no longer required from this area or the final borrow pit design is reached. At that time a sediment pond will be designed and constructed to control the runoff from this site. (See Exhibit No. 2, Borrow Pit Plan). This pond will provide adequate settling time before runoff water is released into the Wattis Canyon Stream Channel.

RECLAMATION AND FINAL ABANDONMENT:

Topsoil removed from the original site will be used in a thin layer to assure an horizon for a good root zone on the newly exposed slopes. Small runoff control structures will be incorporated onto the side slopes to "break up" runoff water from going directly down the slopes. (See Exhibit No. 2, Borrow Pit Plan). They will also act to catch water to aid in plant growth.

Reseeding of the slopes will occur as the final slope design is reached. Special seed mixtures (as recommended by consulting engineers) will be applied over the area for the next five years or as required. (See "Attachment 1" for seed list).

Once revegetation on the side slopes is deemed adequate by the appropriate agencies, the sediment control pond will also be reclaimed. The inlet control structures and culverts will be removed and the embankments will be regraded so that they will no longer impound water coming from the pit area. This new disturbance will then be reseeded and will have its sediment potential controlled by temporary means until it is sufficiently revegetated.

## ATTACHMENTS

ATTACHMENT NO. 1

ATTACHMENT 1

NATIVE PLANTS SEED MIX RECOMMENDATION

FOR GENERAL SEEDING PROGRAM

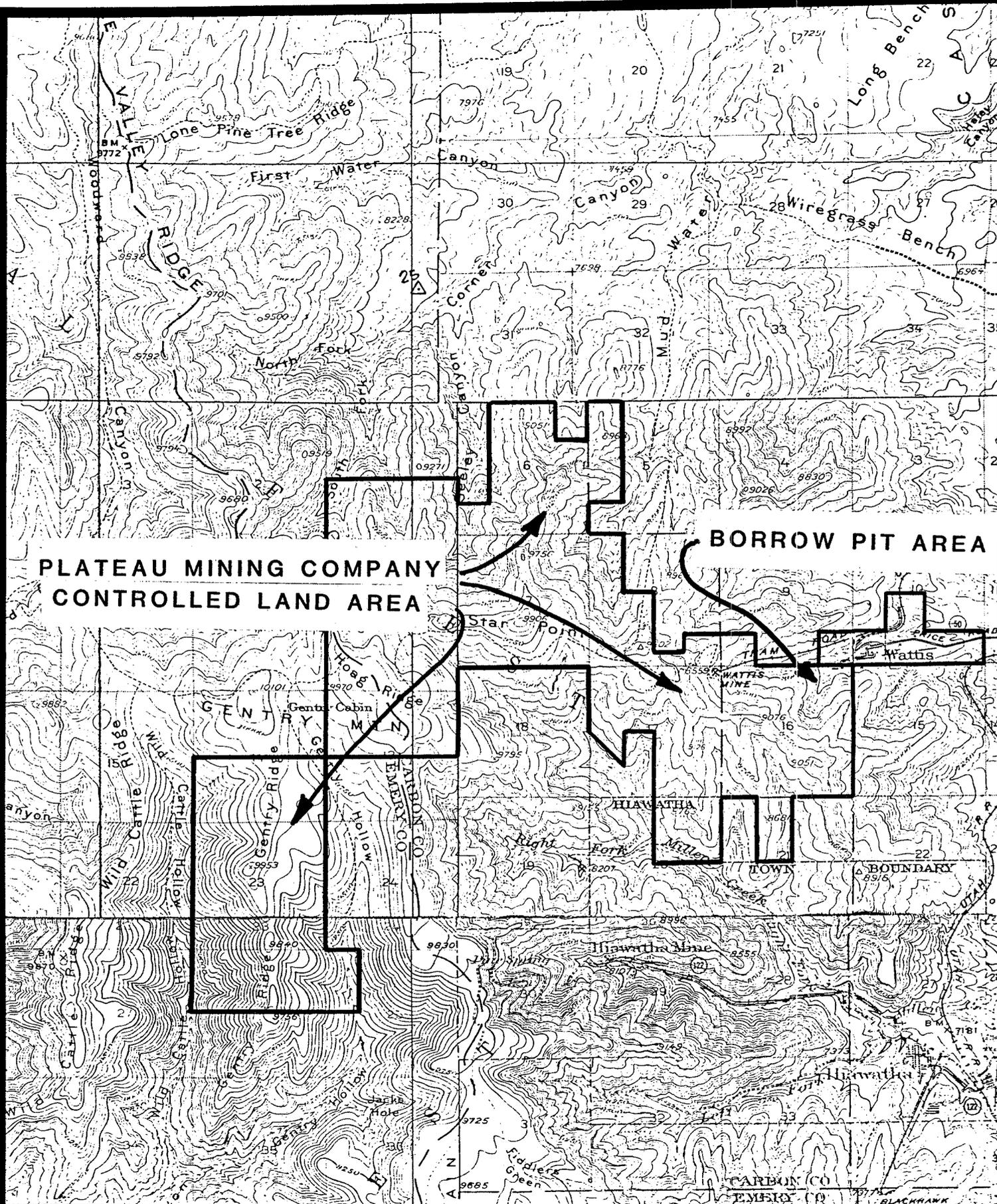
GRASSES

Russian Wildrye	15%
Western Wheatgrass	15%
Streambank Wheatgrass	11%
Pubescent Wheatgrass	15%
Mountain Brome	5%
Indian Ricegrass	5%

SHRUBS

Big Sagebrush	3%
Rabbitbrush	3%
Fourwing Saltbush	8%
Alfalfa "Ranger"	10%
Yellow Sweetclover	10%

## EXHIBITS



**PLATEAU MINING COMPANY  
CONTROLLED LAND AREA**

**BORROW PIT AREA**

**LOCATION MAP**