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DIVISION OF
OIL, GAS & MINING

Kathryn M. Mutz
Reclamation Biologist
Utah Division, Oil, Gas and Mining
355 W. North Temple
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Salt Lake City, Utah 84501

Re: Plateau Mining Company Refuse Test Plot Slope Segment Data

Dear Kathy:

Enclosed is the 1985 slope segment data I discussed with you in a meeting held in your office on 11 June 1986. Ben Grimes requested that I forward this information to you this past August. Unfortunately I have been quite busy since his request and just now have found time to dig this information up.

This data is from the 1985 field sampling and represents data collected from the upper, middle and lower slope segments. As you will observe not all plots have all three slope segments, due to the decreasing size of the plots from west to east. This data represents total plant cover.

If you have any questions about this information please relay your questions to Ben Grimes or myself.

Sincerely yours,



Kent A. Crofts

CC. Ben Grimes

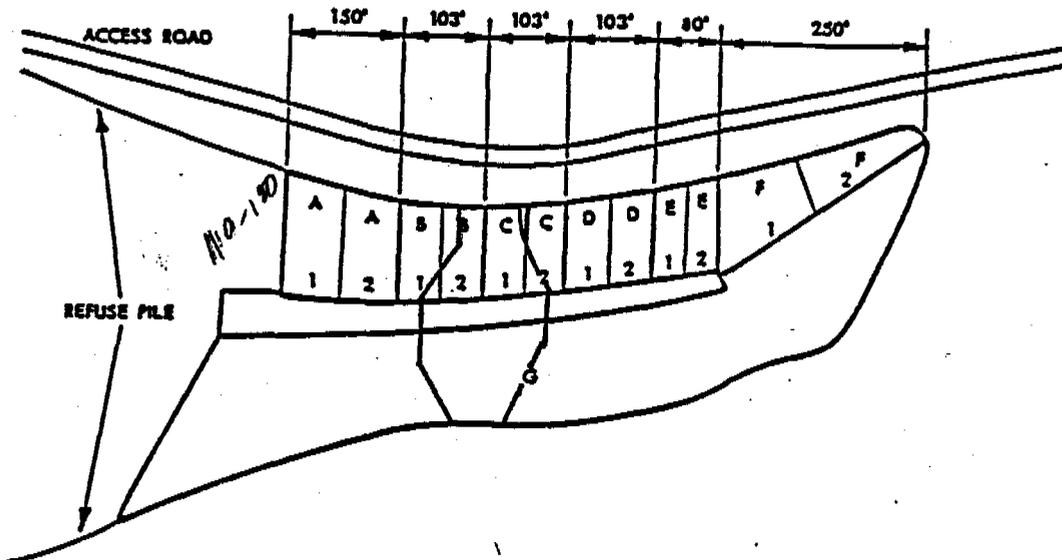
Plateau Refuse Study Slope Segment

1985 Percent Plant Cover

	upper	middle	lower
Coal waste /A1	5.55	12.22	15.55
Coal waste \A2	5.66	11.45	13.67
20" Subsoil B1	19.70	18.09	14.77
20" Subsoil B2	-	-	14.71
10" Top /10' Sub C1	-	-	-
10" Top /10' Sub C2	19.21	21.33	17.99
10" Subsoil D1	22.21	20.53	19.38
10" Subsoil D2	20.55	21.00	18.51
20" Topsoil E1	19.67	27.89	-
20" Topsoil E2	25.10	31.76	-
10" Topsoil F1	27.77	29.89	-
10" Topsoil F2	27.44	-	-
10" Sub. G	17.10	17.43	-

FIGURE 1

REFUSE PILE VEGETATION - TOPSOIL TEST PLOT LAYOUT



☐ Plots disturbed in 1985 during the construction of the Unit Train Loadout Conveyor.

PLOT	TREATMENT KEY		SEED MIX	
	SOIL MATERIAL & DEPTH (INCHES)	(16-160-8) FERTILIZER LBS/ACRE	SPECIES	POUNDS PLS/ACRE
A1	Cool Waste	100	Slender Wheatgrass	3.0
A2	Cool Waste	200	Western Wheatgrass	3.0
B1	20" Subsoil	200	Tall Fescue	2.0
B2	20" Subsoil	100	G.B. Wildrye <i>good</i>	3.0
C1	10" Topsoil/10" Subsoil	100	Blue Bunch Wheatgrass	3.0
C2	10" Topsoil/10" Subsoil	200	Scarlet Globemallow <i>few</i>	0.5
D1	10" Subsoil	200	Penstemon	0.5
D2	10" Subsoil	100	Cicer Milkvetch <i>innocult</i>	1.0
E1	20" Topsoil	100	Yellow Sweetclover	1.0
E2	20" Topsoil	200	Rubber Rabbitbrush	0.5
F1	10" Topsoil	200	Big Sagebrush	0.1
F2	10" Topsoil	100	Green Ephedra <i>good</i>	2.0
G	10" Subsoil	100	4-wing Saltbrush	1.0
TOTAL				20.6

no alfalfa