

March 17, 1986

TO: Technical File

FROM: James S. Leatherwood, Reclamation Soils Specialist 

RE: NOV Review N85-2-12-1, Item No. 4, Sediment Pond Soil Substitute Soil Determination, Belina Complex, Valley Camp of Utah, ACT/007/001, Folder No. 3 and 7, Carbon County, Utah

SUMMARY

The applicant has submitted sufficient data for the determination of the sediment pond soil as a potential substitute topsoil. The Division has determined that this material is a suitable substitute topsoil material. This decision is based on Bookcliff laboratories data, submitted March 4, 1986.

BODY

The following parameters were equated to the Division suitability limits for rating topsoil substitutes:

<u>PARAMETER</u>	<u>DATA</u>	<u>DIVISION RATING*</u>
pH	7.9	Fair
	7.8	Good
Texture	S	Good
	SL	Good
Electircal Conductivity	0.95	Good
	2.38	Good
Sodium Adsorption Ratio	0.81	Good
	4.85	Good
Saturation Percentage	3.7	Good
	3.6	Good
Alkalinity	8.2	Good
	2.8	Good

The sediment pond soil material overall rating has been determined good.

*Table 2, DOGM Guidelines for Management of Topsoil and Overburden.

jvb

cc: W. Hedberg

D. Wham

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