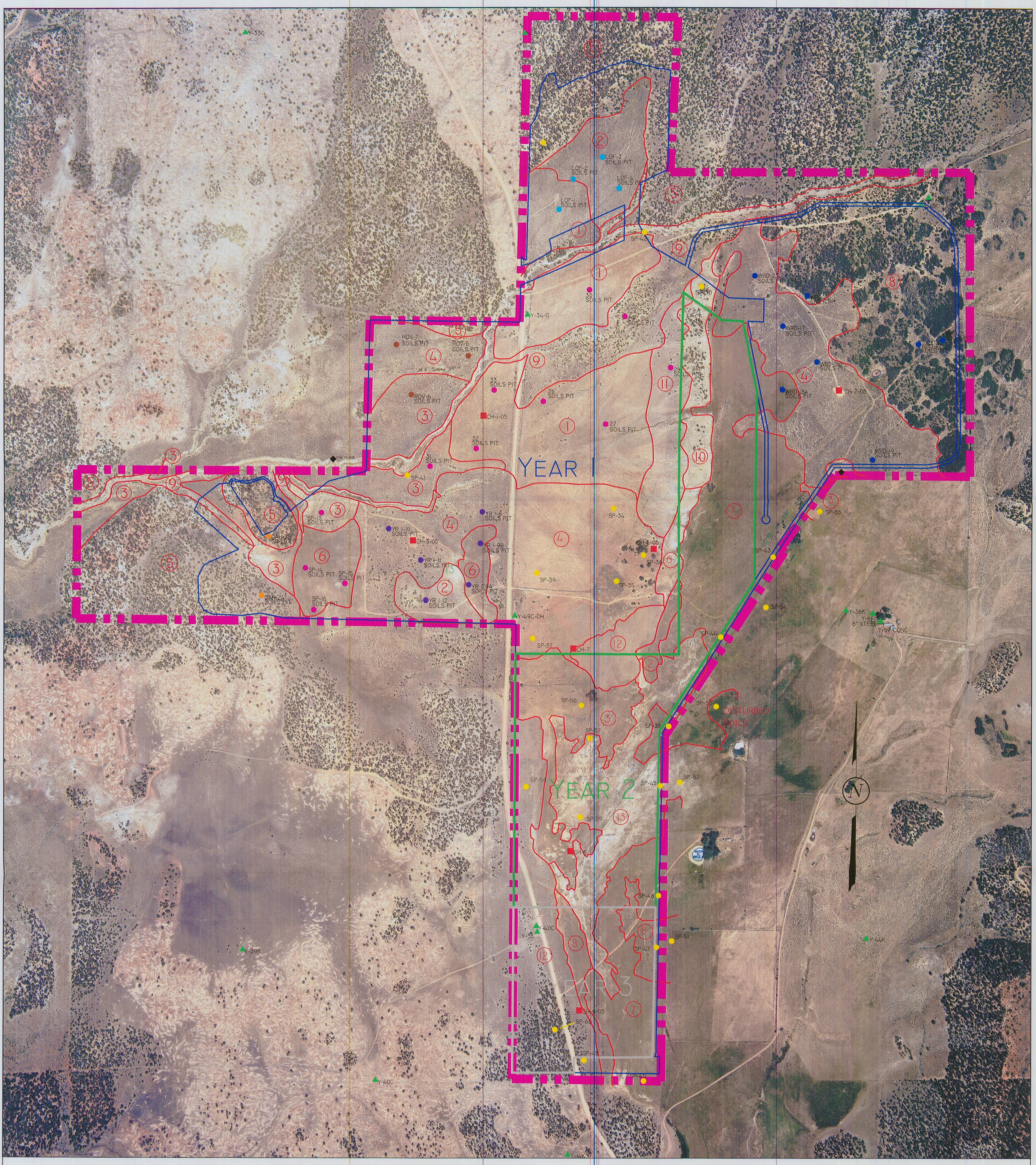

Map Unit	Map Unit Name	Estimated Salvage Depths (1) Topsoil Depth	Good/Fair Subsoil(2)	Poor Subsoil(3)
		--------Inches--------		
1	A Family - Wapiti Family complex, 3 to 8 percent slope	9	23	55
2	M Family - Calendar Family - D Family complex, 3 to 8 percent slopes	7	17	18
3	Cibeque Family - Wapiti Family complex, 3 to 8 percent slopes	6	19	50
4	Jonale Family - Graystone cobbly substratum Family - Wapiti Family complex, 3 to 8 percent slope	10	27	33
5	Calendar Family - M Family - Drififty Family complex, 8 to 25 percent slopes	7	15	8
6	Graystone - Cookcan - Jonale Family complex, 1 to 5 percent slopes	10	42	18
7	Happyhollow Family - Alamosa complex, 1 to 5 percent slopes	10	37	28
8	Brumley - Graystone - Snilloc complex, 3 to 8 percent slopes	10	55	20
9	D Family - Deacon complex, 5 to 30 percent slopes	10	19	42
10	Zigzag Clay, 8 to 25 percent slopes	5	13	1
11	A Family Clay, 8 to 25 percent slopes	8	17	56
12	Manzanst Family Clay Loam, 3 to 12 percent slopes	6	1	26
13	A Family - Happyhollow Family complex, 1 to 12 percent	9	19	58

(1) Estimated salvage depths are weighted averages based on map unit components and percentage of each component in the map unit. Variations of salvage depth occur within each map unit and should be monitored during salvage operations

(2) Good/Fair subsoil is based on the soil meeting the good and fair suitability criteria for all parameters except clay textures in Guidelines for Management of Topsoil and Overburden (Utah DOGM, 2005)

(3) Poor subsoil is based on material that meets all of the criteria for good and fair in all categories except pH, percent calcium carbonate; and clay textures; but meets the minimum requirements for these parameters in the poor category in Guidelines for Management of Topsoil and Overburden (Utah DOGM, 2005)

LEGEND:

- Section Corner
- Existing Drill Hole
- 2005/2007 Core Holes
- First Year Disturbance Area Boundary
- Second Year Disturbance Area Boundary
- Third Year Disturbance Area Boundary

Soils Pit: SP, YR, ROV, DAH, WRD, LOF, 2007 Soil Pits

Drawn By:	Checked By:
J. Stansfield	LWJ
Drawing: 2-1	Date: 04/20/07
	Scale: 1" = 400'
Job Number: 1400	Sheet 1 of 1

Revisions

Date:	By:
4/30/07	NLB
1/11/08	RL/CRM
10/14/08	RL/CRM

SOIL SURVEY MAP

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 2-1

Registered Professional Engineer 275875-2202 CHRIS R. McCOURT 11-28-08 State of Utah

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