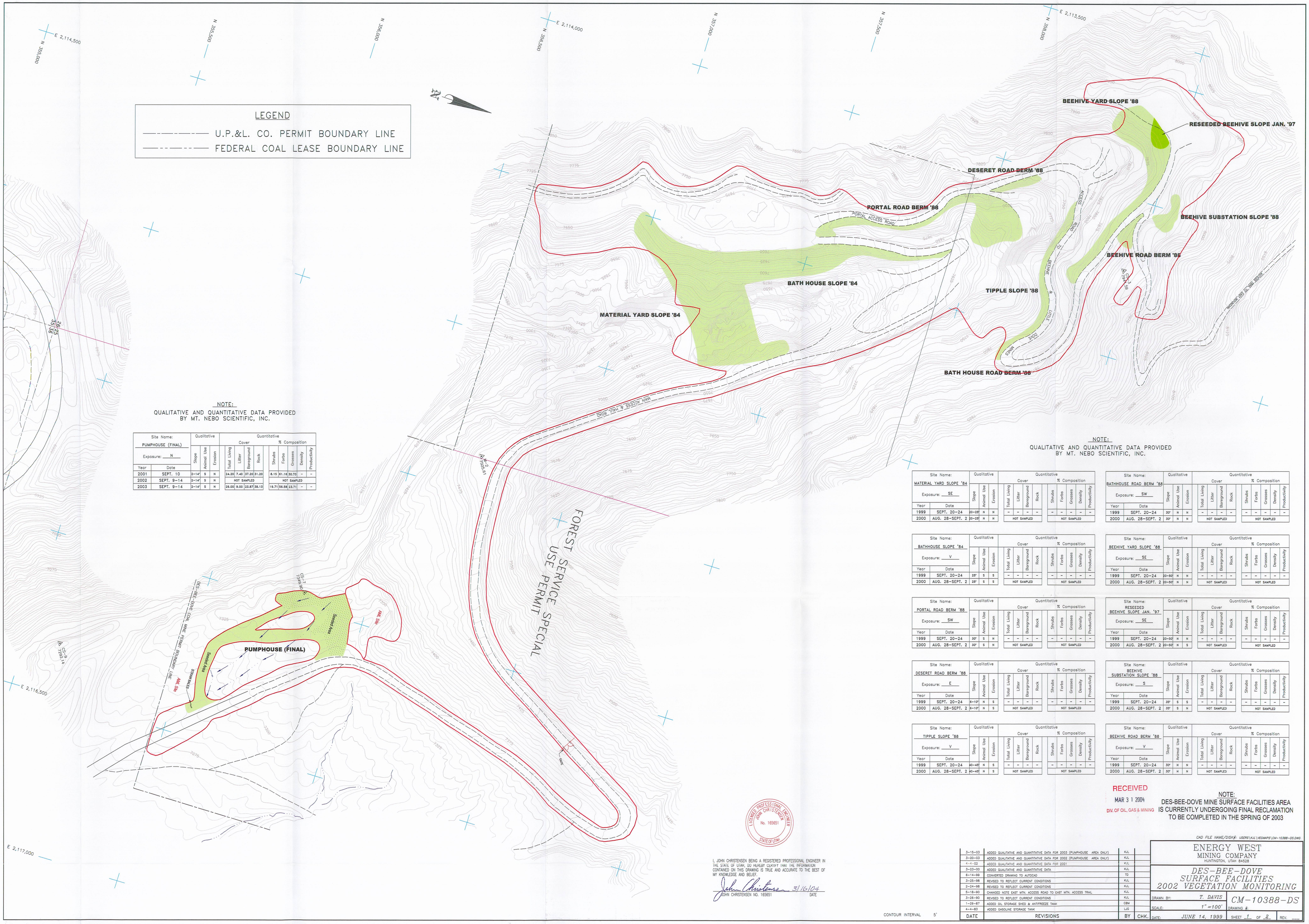

NOTE:
QUALITATIVE AND QUANTITATIVE DATA PROVIDED BY MT. NEBO SCIENTIFIC, INC.

Site Name: PUMPHOUSE (FINAL) Exposure: N		Qualitative			Quantitative									
					Cover				% Composition					
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
2001	SEPT. 10	2-14°	S	N	24.20	7.40	37.20	31.20	8.15	61.16	30.70	-	-
2002	SEPT. 9-14	2-14°	S	N	NOT SAMPLED				NOT SAMPLED				
2003	SEPT. 9-14	2-14°	S	N	29.00	9.00	23.87	38.13	19.71	56.58	23.71	-	-

NOTE:
QUALITATIVE AND QUANTITATIVE DATA PROVIDED BY MT. NEBO SCIENTIFIC, INC.

Site Name: MATERIAL YARD SLOPE '84 Exposure: SE		Qualitative			Quantitative									
					Cover				% Composition					
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
1999	SEPT. 20-24	20-25°	N	N	-	-	-	-	-	-	-	-	-
2000	AUG. 28-SEPT. 2	20-25°	N	N	NOT SAMPLED				NOT SAMPLED				

Site Name: BATHHOUSE ROAD BERM '88 Exposure: SW		Qualitative			Quantitative									
					Cover				% Composition					
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
1999	SEPT. 20-24	30°	N	N	-	-	-	-	-	-	-	-	-
2000	AUG. 28-SEPT. 2	30°	N	N	NOT SAMPLED				NOT SAMPLED				

Site Name: BATHHOUSE SLOPE '84 Exposure: V		Qualitative			Quantitative									
					Cover				% Composition					
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
1999	SEPT. 20-24	25°	S	S	-	-	-	-	-	-	-	-	-
2000	AUG. 28-SEPT. 2	25°	S	S	NOT SAMPLED				NOT SAMPLED				

Site Name: BEEHIVE YARD SLOPE '88 Exposure: SE		Qualitative			Quantitative									
					Cover				% Composition					
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
1999	SEPT. 20-24	20-50°	N	N	-	-	-	-	-	-	-	-	-
2000	AUG. 28-SEPT. 2	20-50°	N	N	NOT SAMPLED				NOT SAMPLED				

Site Name: PORTAL ROAD BERM '88 Exposure: SW		Qualitative			Quantitative									
					Cover				% Composition					
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
1999	SEPT. 20-24	30°	S	N	-	-	-	-	-	-	-	-	-
2000	AUG. 28-SEPT. 2	30°	S	N	NOT SAMPLED				NOT SAMPLED				

Site Name: RESEEDED BEEHIVE SLOPE JAN. '97 Exposure: SE		Qualitative			Quantitative									
					Cover				% Composition					
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
1999	SEPT. 20-24	20-50°	N	N	-	-	-	-	-	-	-	-	-
2000	AUG. 28-SEPT. 2	20-50°	N	S	NOT SAMPLED				NOT SAMPLED				

Site Name: DESERET ROAD BERM '88 Exposure: E		Qualitative			Quantitative									
					Cover				% Composition					
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
1999	SEPT. 20-24	6-10°	N	S	-	-	-	-	-	-	-	-	-
2000	AUG. 28-SEPT. 2	6-10°	N	S	NOT SAMPLED				NOT SAMPLED				

Site Name: BEEHIVE SUBSTATION SLOPE '88 Exposure: S		Qualitative			Quantitative									
					Cover				% Composition					
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
1999	SEPT. 20-24	35°	S	S	-	-	-	-	-	-	-	-	-
2000	AUG. 28-SEPT. 2	35°	S	N	NOT SAMPLED				NOT SAMPLED				

Site Name: TIPPLE SLOPE '88 Exposure: V		Qualitative			Quantitative									
					Cover				% Composition					
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
1999	SEPT. 20-24	40-45°	N	S	-	-	-	-	-	-	-	-	-
2000	AUG. 28-SEPT. 2	40-45°	N	S	NOT SAMPLED				NOT SAMPLED				

Site Name: BEEHIVE ROAD BERM '88 Exposure: V		Qualitative			Quantitative									
					Cover				% Composition					
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
1999	SEPT. 20-24	30°	H	N	-	-	-	-	-	-	-	-	-
2000	AUG. 28-SEPT. 2	30°	H	N	NOT SAMPLED				NOT SAMPLED				

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DIV. OF OIL, GAS & MINING

NOTE:
DES-BEE-DOVE MINE SURFACE FACILITIES AREA IS CURRENTLY UNDERGOING FINAL RECLAMATION TO BE COMPLETED IN THE SPRING OF 2003

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 165651
STATE OF UTAH

I, JOHN CHRISTENSEN BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John Christensen 3/16/04
JOHN CHRISTENSEN NO. 165651 DATE

CONTOUR INTERVAL 5'

DATE	REVISIONS	BY	CHK.
3-15-03	ADDED QUALITATIVE AND QUANTITATIVE DATA FOR 2003 (PUMPHOUSE AREA ONLY)	KJL	
3-20-03	ADDED QUALITATIVE AND QUANTITATIVE DATA FOR 2002 (PUMPHOUSE AREA ONLY)	KJL	
4-4-02	ADDED QUALITATIVE AND QUANTITATIVE DATA FOR 2001	KJL	
2-23-00	ADDED QUALITATIVE AND QUANTITATIVE DATA	KJL	
6-14-99	CONVERTED DRAWING TO AUTOCAD	TD	
3-25-98	REVISED TO REFLECT CURRENT CONDITIONS	KJL	
2-24-98	REVISED TO REFLECT CURRENT CONDITIONS	KJL	
5-18-90	CHANGED NOTE EAST MTN. ACCESS ROAD TO EAST MTN. ACCESS TRAIL	KJL	
3-26-90	REVISED TO REFLECT CURRENT CONDITIONS	KJL	
1-29-87	ADDED OIL STORAGE SHED & ANTIFREEZE TANK	CBM	
4-4-83	ADDED GASOLINE STORAGE TANK	LJG	

CAD FILE NAME/DISK#: USERS\KJL\VEGMAPS\CM-10388-DS.DWG

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

DES-BEE-DOVE
SURFACE FACILITIES
2002 VEGETATION MONITORING

DRAWN BY: T. DAVIS
SCALE: 1" =100'
DATE: JUNE 14, 1999
DRAWING #: CM-10388-DS
SHEET 1 OF 2
REV.