Site Name: BLACK SAGEBRUSH REFERENCE AREA		Qualitative			Quantitative								
Exposure: V					Cover				% Composition				
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
2005	OCT. 10–13	V	–	–	NOT SAMPLED				NOT SAMPLED				

Site Name: PINYON–JUNIPER REFERENCE AREA		Qualitative			Quantitative								
Exposure: E					Cover				% Composition				
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
2005	OCT. 10–13	3–8°	–	–	NOT SAMPLED				NOT SAMPLED				

Site Name: GARDNER SALTBUSH REFERENCE AREA		Qualitative			Quantitative								
Exposure: E					Cover				% Composition				
Year	Date	Slope	Animal Use	Erosion	Total Living	Litter	Bareground	Rock	Shrubs	Forbs	Grasses	Density	Productivity
2005	OCT. 10–13	35°	–	–	NOT SAMPLED				NOT SAMPLED				

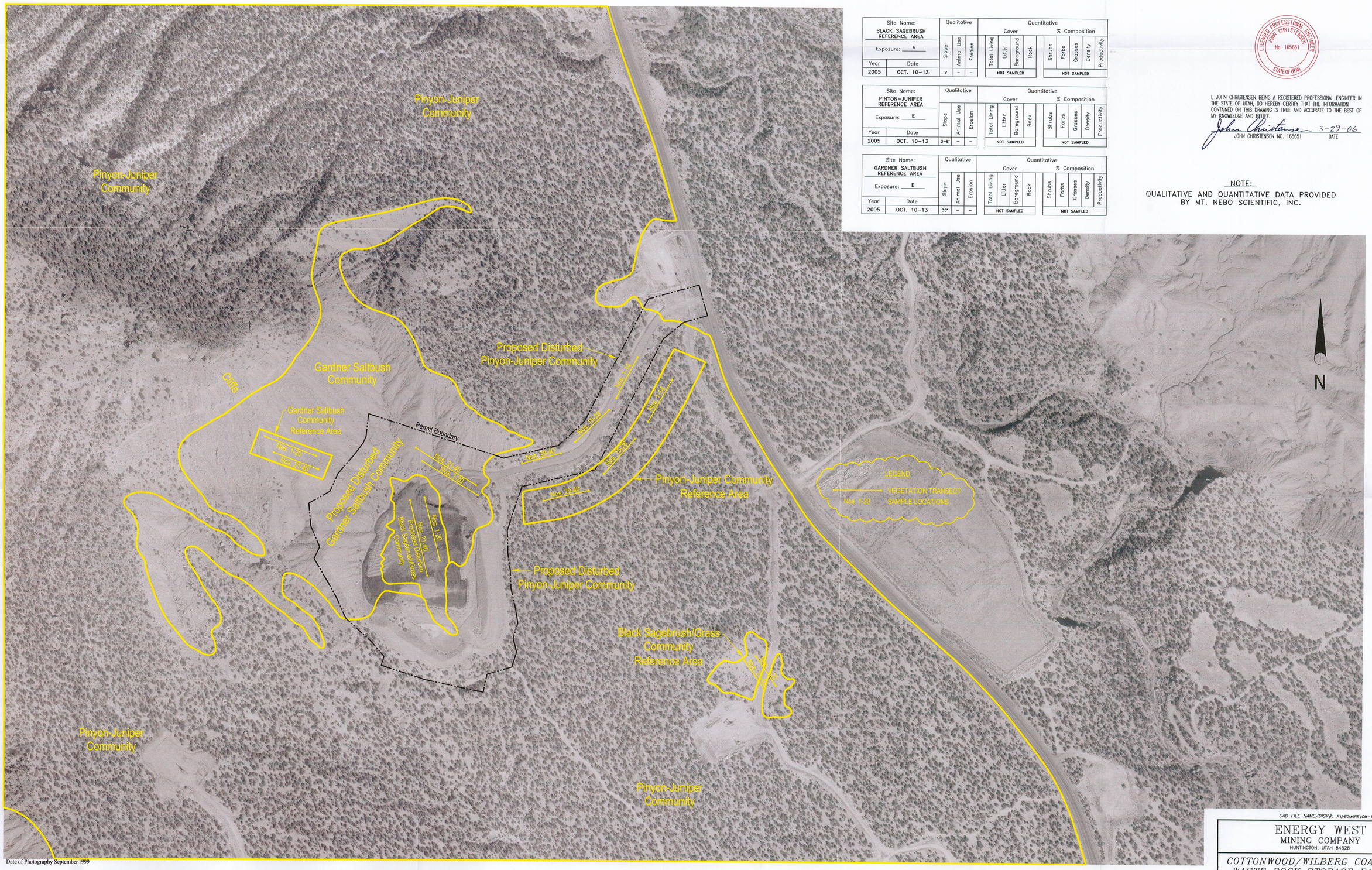
LICENSED PROFESSIONAL ENGINEER JOHN CHRISTENSEN No. 165651 STATE OF UTAH

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 3-27-06

JOHN CHRISTENSEN NO. 165651 DATE

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



Date of Photography September 1999

DATE	REVISION	BY	CHK.
3/29/06	ADDED QUALITATIVE DATA FOR 2005	KJL	
7/26/02	REVISED RIGHT–OF–WAY PERMIT BOUNDARY	KJL	
3/15/02	GPS BLACK SAGEBRUSH REFERENCE AREA	KJL	
1/9/02	REVISED DATE OF PHOTO, PERMIT BOUNDARY	KJL	
7/20/00	CONVERTED TO AUTOCAD AND REVISED TO DATE	KJL	

RECEIVED APR 12 2006 DIV. OF OIL, GAS & MINING

CAD FILE NAME/DISK#: P:\VEGMAPS\CM-10817-WB Vegetation.dwg

ENERGY WEST MINING COMPANY
HUNTINGTON, UTAH 84528

COTTONWOOD/WILBERG COAL MINE
WASTE ROCK STORAGE FACILITY
2005 VEGETATION MAP

DRAWN BY: K. LARSEN
SCALE: 1" =200'
DATE: 8-10-89
DRAWING #: CM-10817-WB
SHEET 1 OF 1
REV.