

APPENDIX 4

Baseline Vegetation Sampling Area Photos

LOMCRA Study Areas

Black Mesa Mining Complex

2003



Photograph 1. J2 LOMCRA Sagebrush Baseline, Sample 1, Spring 2003



Photograph 2. J2 LOMCRA Sagebrush Baseline, Sample 2, Spring 2003



Photograph 3. J2 LOMCRA Sagebrush Baseline, Sample 3, Spring 2003



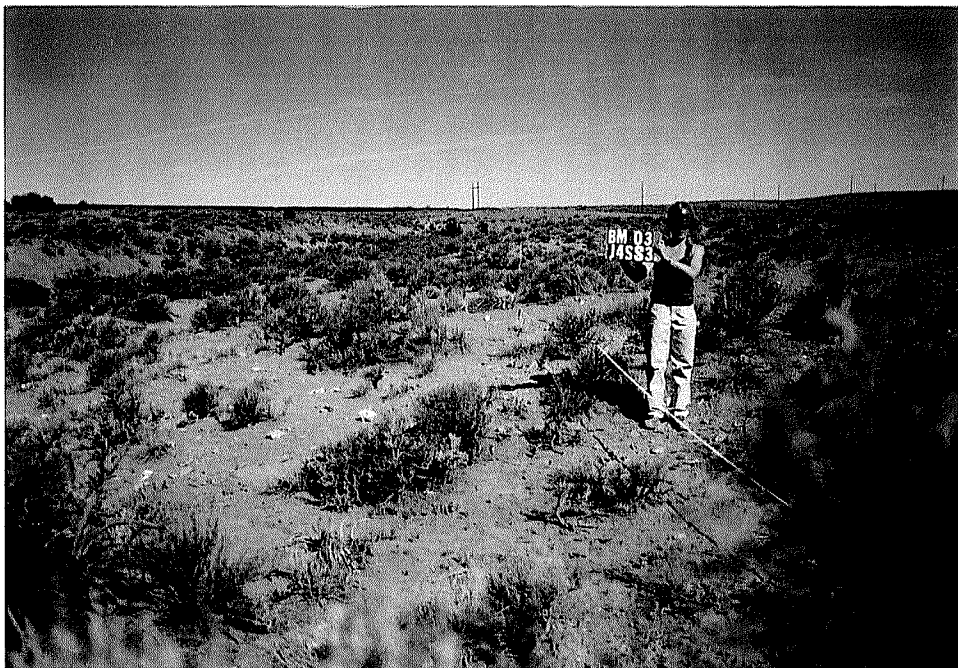
Photograph 4. J2 LOMCRA Sagebrush Baseline, Sample 5, Spring 2003



Photograph 5. J4 LOMCRA Sagebrush Baseline, Sample 1, Spring 2003



Photograph 6. J4 LOMCRA Sagebrush Baseline, Sample 2, Spring 2003



Photograph 7. J4 LOMCRA Sagebrush Baseline, Sample 3, Spring 2003



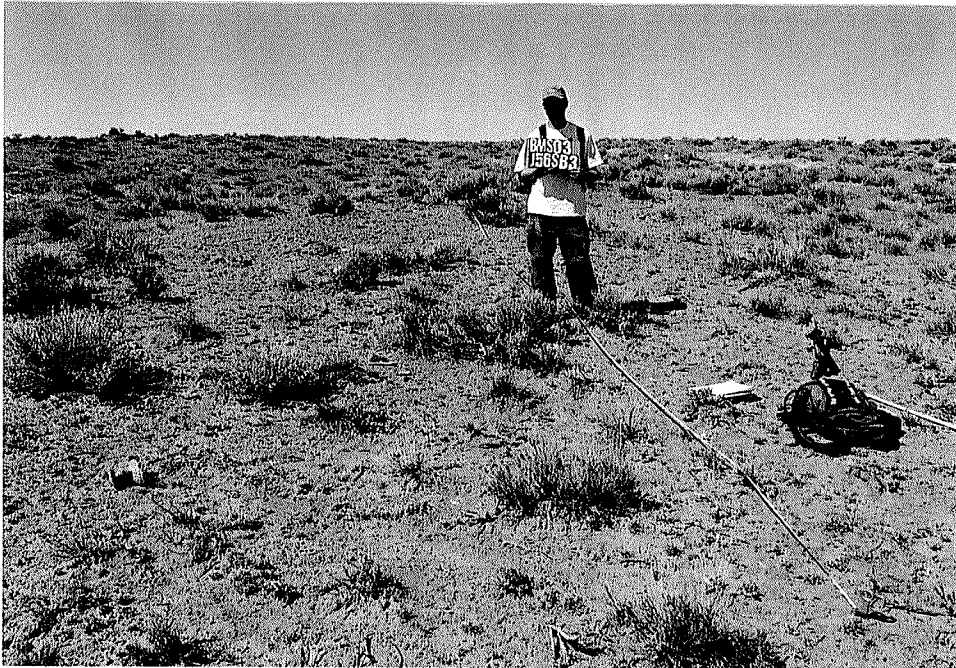
Photograph 8. J4 LOMCRA Sagebrush Baseline, Sample 4, Spring 2003



Photograph 9. J5/6 LOMCRA Sagebrush Baseline, Sample 1, Spring 2003



Photograph 10. J5/6 LOMCRA Sagebrush Baseline, Sample 2, Spring 2003



Photograph 11. J5/6 LOMCRA Sagebrush Baseline, Sample 3, Spring 2003



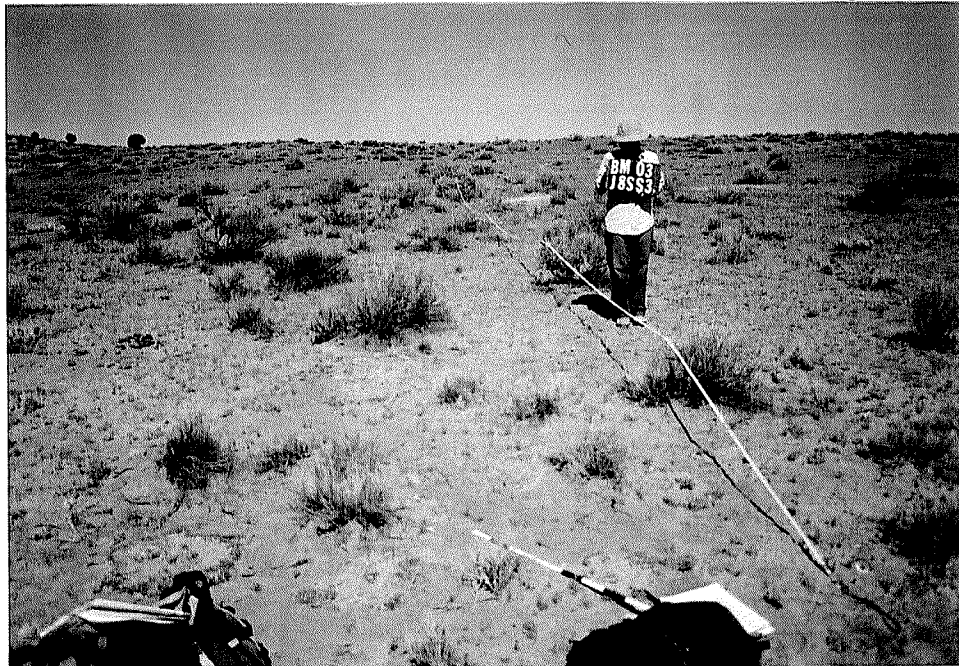
Photograph 12. J5/6 LOMCRA Sagebrush Baseline, Sample 4, Spring 2003



Photograph 13. J8 LOMCRA Sagebrush Baseline, Sample 1, Spring 2003



Photograph 14. J8 LOMCRA Sagebrush Baseline, Sample 2, Spring 2003



Photograph 15. J8 LOMCRA Sagebrush Baseline, Sample 3, Spring 2003



Photograph 16. J8 LOMCRA Sagebrush Baseline, Sample 5, Spring 2003



Photograph 17. J10 LOMCRA Sagebrush Baseline, Sample 1, Spring 2003



Photograph 18. J10 LOMCRA Sagebrush Baseline, Sample 2, Spring 2003



Photograph 19. J10 LOMCRA Sagebrush Baseline, Sample 3, Spring 2003



Photograph 20. J10 LOMCRA Sagebrush Baseline, Sample 4, Spring 2003



Photograph 21. J13/14 LOMCRA Sagebrush Baseline, Sample 1, Spring 2003



Photograph 22. J13/14 LOMCRA Sagebrush Baseline, Sample 2, Spring 2003



Photograph 23. J13/14 LOMCRA Sagebrush Baseline, Sample 3, Spring 2003



Photograph 24. J13/14 LOMCRA Sagebrush Baseline, Sample 4, Spring 2003



Photograph 25. J15 LOMCRA Sagebrush Baseline, Sample 1, Spring 2003



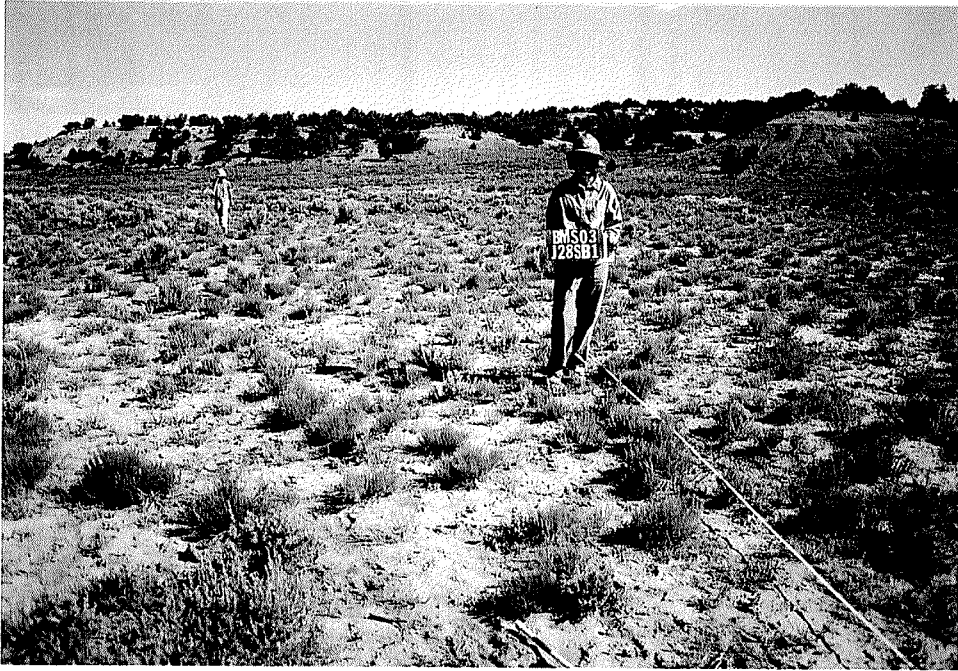
Photograph 26. J15 LOMCRA Sagebrush Baseline, Sample 2, Spring 2003



Photograph 27. J15 LOMCRA Sagebrush Baseline, Sample 3, Spring 2003



Photograph 28. J15 LOMCRA Sagebrush Baseline, Sample 4, Spring 2003



Photograph 29. J28 LOMCRA Sagebrush Baseline, Sample 1, Spring 2003



Photograph 30. J28 LOMCRA Sagebrush Baseline, Sample 2, Spring 2003



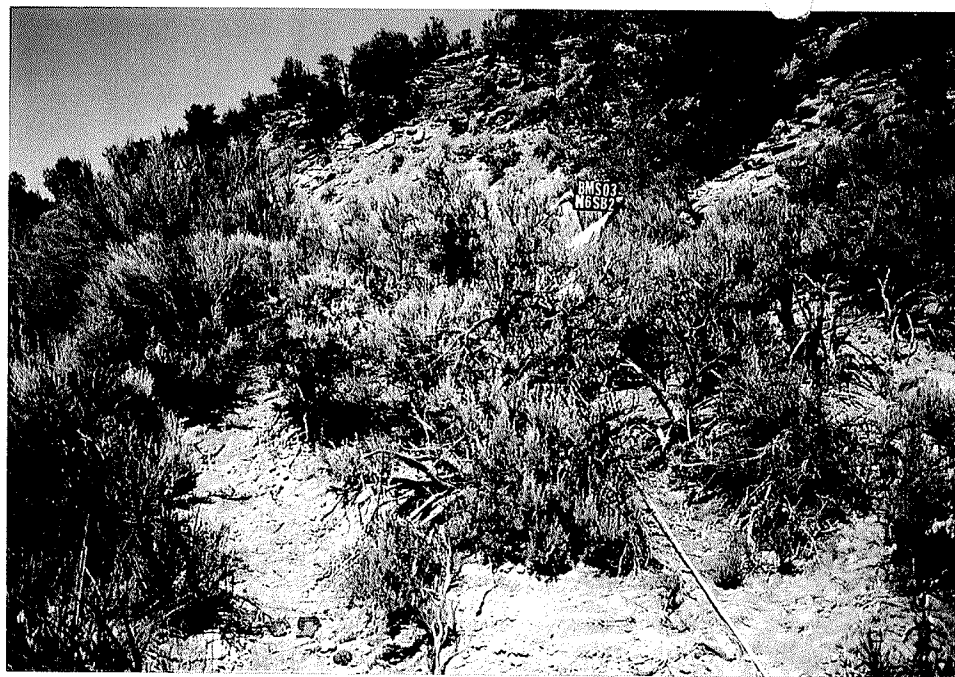
Photograph 31. J28 LOMCRA Sagebrush Baseline, Sample 3, Spring 2003



Photograph 32. J28 LOMCRA Sagebrush Baseline, Sample 5, Spring 2003



Photograph 33. N12/N99 NORTH/SOUTH LOMCRA Sagebrush Baseline, Sample 1, Spring 2003



Photograph 34. N12/N99 NORTH/SOUTH LOMCRA Sagebrush Baseline, Sample 2, Spring 2003



Photograph 35. N12/N99 NORTH/SOUTH LOMCRA Sagebrush Baseline, Sample 3, Spring 2003



Photograph 36. N12/N99 NORTH/SOUTH LOMCRA Sagebrush Baseline, Sample 4, Spring 2003



Photograph 37. J2 LOMCRA Pinyon-Juniper Baseline, Sample 1, Spring 2003



Photograph 38. J2 LOMCRA Pinyon-Juniper Baseline, Sample 2, Spring 2003



Photograph 39. J2 LOMCRA Pinyon-Juniper Baseline, Sample 3, Spring 2003



Photograph 40. J2 LOMCRA Pinyon-Juniper Baseline, Sample 5, Spring 2003



Photograph 41. J4 LOMCRA Pinyon-Juniper Baseline, Sample 1, Spring 2003



Photograph 42. J4 LOMCRA Pinyon-Juniper Baseline, Sample 2, Spring 2003



Photograph 43. J4 LOMCRA Pinyon-Juniper Baseline, Sample 3, Spring 2003



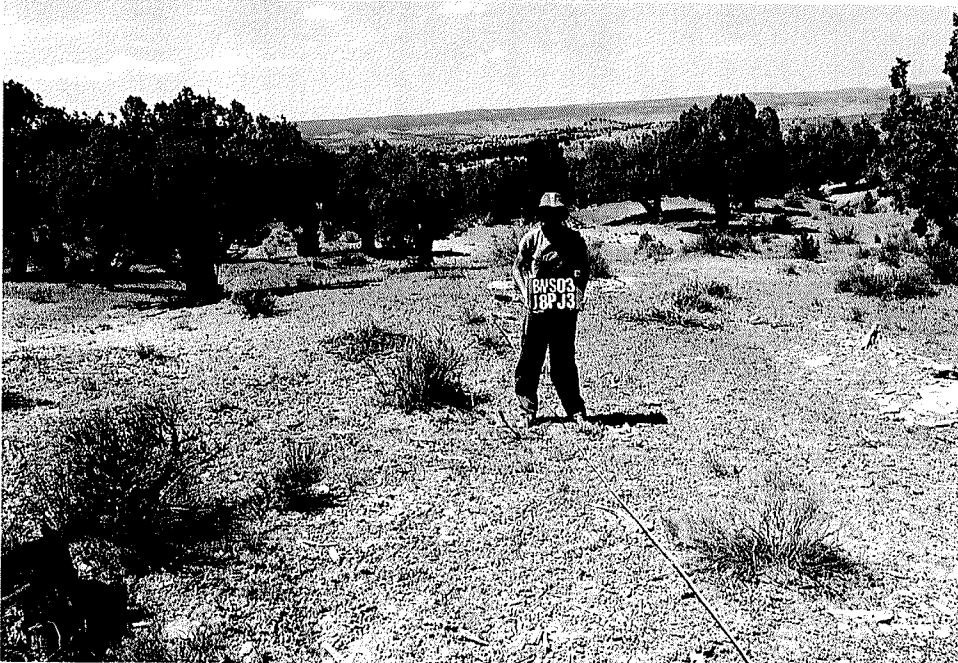
Photograph 44. J4 LOMCRA Pinyon-Juniper Baseline, Sample 4, Spring 2003



Photograph 45. J8 LOMCRA Pinyon-Juniper Baseline, Sample 1, Spring 2003



Photograph 46. J8 LOMCRA Pinyon-Juniper Baseline, Sample 2, Spring 2003



Photograph 47. J8 LOMCRA Pinyon-Juniper Baseline, Sample 3, Spring 2003



Photograph 48. J8 LOMCRA Pinyon-Juniper Baseline, Sample 4, Spring 2003



Photograph 49. J10 LOMCRA Pinyon-Juniper Baseline, Sample 1, Spring 2003



Photograph 50. J10 LOMCRA Pinyon-Juniper Baseline, Sample 2, Spring 2003



Photograph 51. J10 LOMCRA Pinyon-Juniper Baseline, Sample 3, Spring 2003



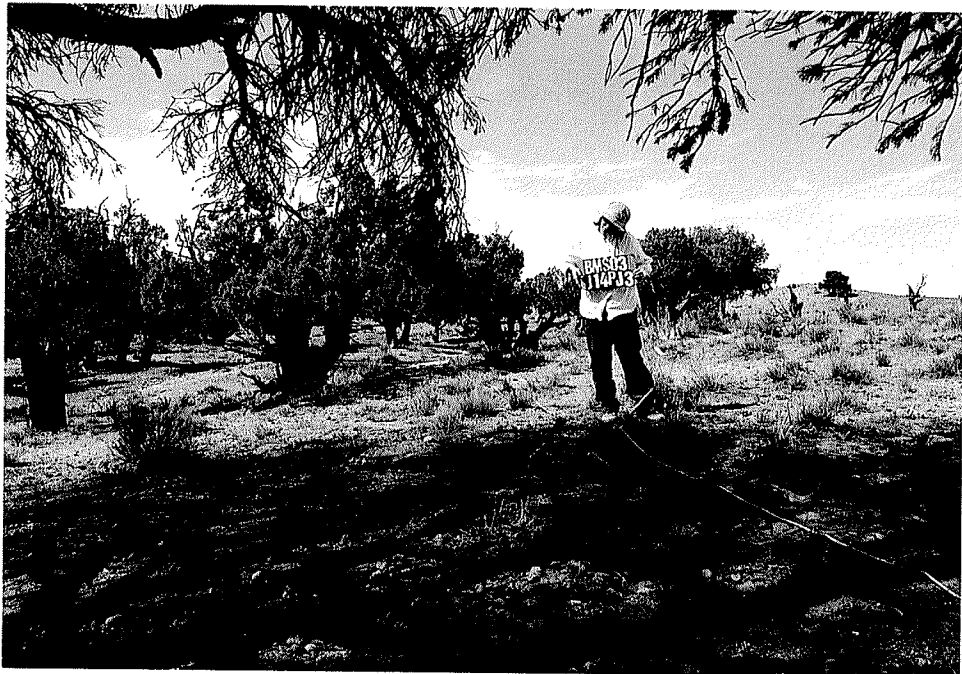
Photograph 52. J10 LOMCRA Pinyon-Juniper Baseline, Sample 4, Spring 2003



Photograph 53. J13/14 LOMCRA Pinyon-Juniper Baseline, Sample 1, Spring 2003



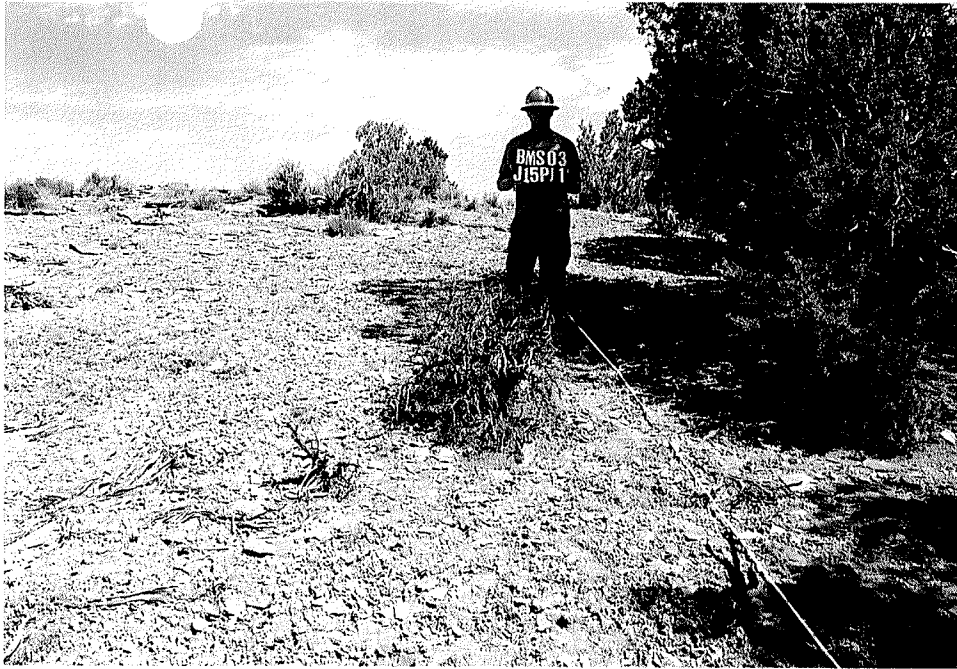
Photograph 54. J13/14 LOMCRA Pinyon-Juniper Baseline, Sample 2, Spring 2003



Photograph 55. J13/14 LOMCRA Pinyon-Juniper Baseline, Sample 3, Spring 2003



Photograph 56. J13/14 LOMCRA Pinyon-Juniper Baseline, Sample 5, Spring 2003



Photograph 57. J15 LOMCRA Pinyon-Juniper Baseline, Sample 1, Spring 2003



Photograph 58. J15 LOMCRA Pinyon-Juniper Baseline, Sample 2, Spring 2003



Photograph 59. J15 LOMCRA Pinyon-Juniper Baseline, Sample 3, Spring 2003



Photograph 60. J15 LOMCRA Pinyon-Juniper Baseline, Sample 4, Spring 2003



Photograph 61. J28 LOMCRA Pinyon-Juniper Baseline, Sample 1, Spring 2003



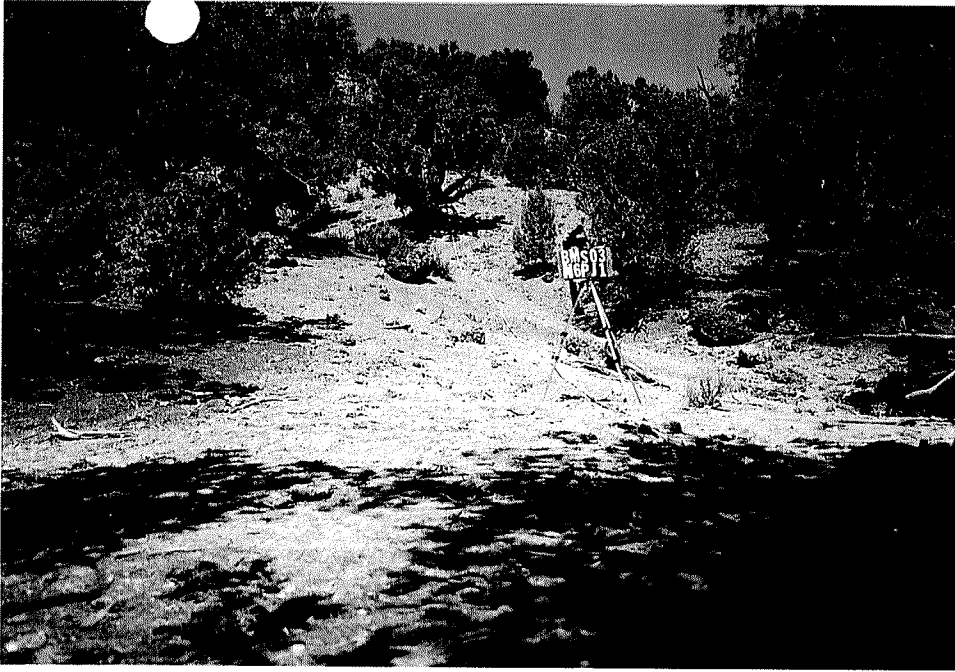
Photograph 62. J28 LOMCRA Pinyon-Juniper Baseline, Sample 2, Spring 2003



Photograph 63. J28 LOMCRA Pinyon-Juniper Baseline, Sample 4, Spring 2003



Photograph 64. J28 LOMCRA Pinyon-Juniper Baseline, Sample 5, Spring 2003



Photograph 65. N12/N99 NORTH/SOUTH LOMCRA Pinyon-Juniper Baseline, Sample 1, Spring 2003



Photograph 66. N12/N99 NORTH/SOUTH LOMCRA Pinyon-Juniper Baseline, Sample 2, Spring 2003



Photograph 67. N12/N99 NORTH/SOUTH LOMCRA Pinyon-Juniper Baseline, Sample 3, Spring 2003



Photograph 68. N12/N99 NORTH/SOUTH LOMCRA Pinyon-Juniper Baseline, Sample 4, Spring 2003



Photograph 69. N9 LOMCRA Pinyon-Juniper Baseline, Sample 1, Spring 2003



Photograph 70. N9 LOMCRA Pinyon-Juniper Baseline, Sample 2, Spring 2003



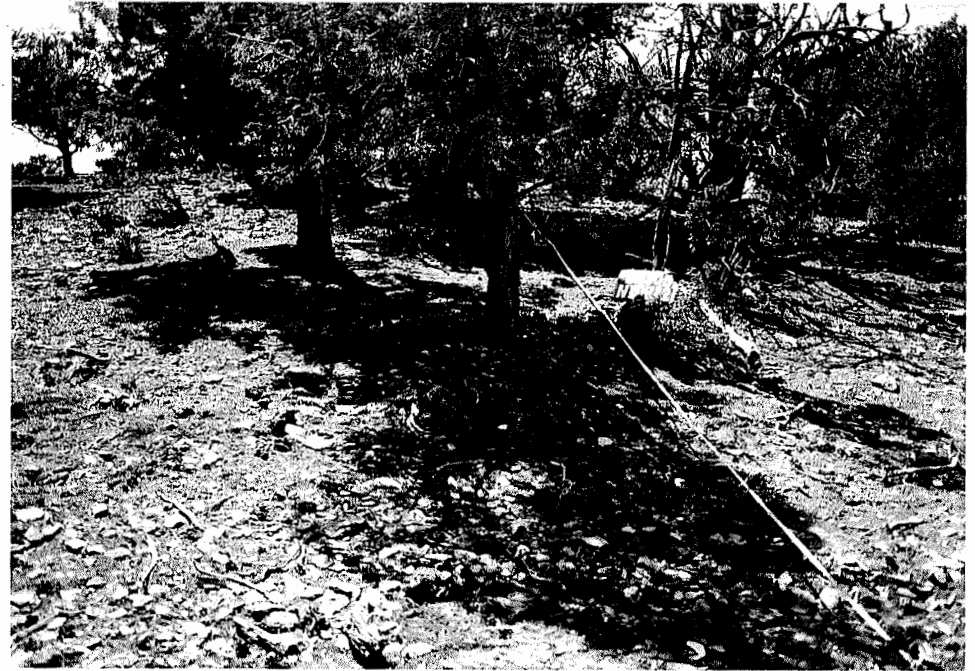
Photograph 71. N9 LOMCRA Pinyon-Juniper Baseline, Sample 3, Spring 2003



Photograph 72. N9 LOMCRA Pinyon-Juniper Baseline, Sample 4, Spring 2003



Photograph 73. N10 LOMCRA Pinyon-Juniper Baseline, Sample 1, Spring 2003



Photograph 74. N10 LOMCRA Pinyon-Juniper Baseline, Sample 2, Spring 2003



Photograph 75. N10 LOMCRA Pinyon-Juniper Baseline, Sample 3, Spring 2003



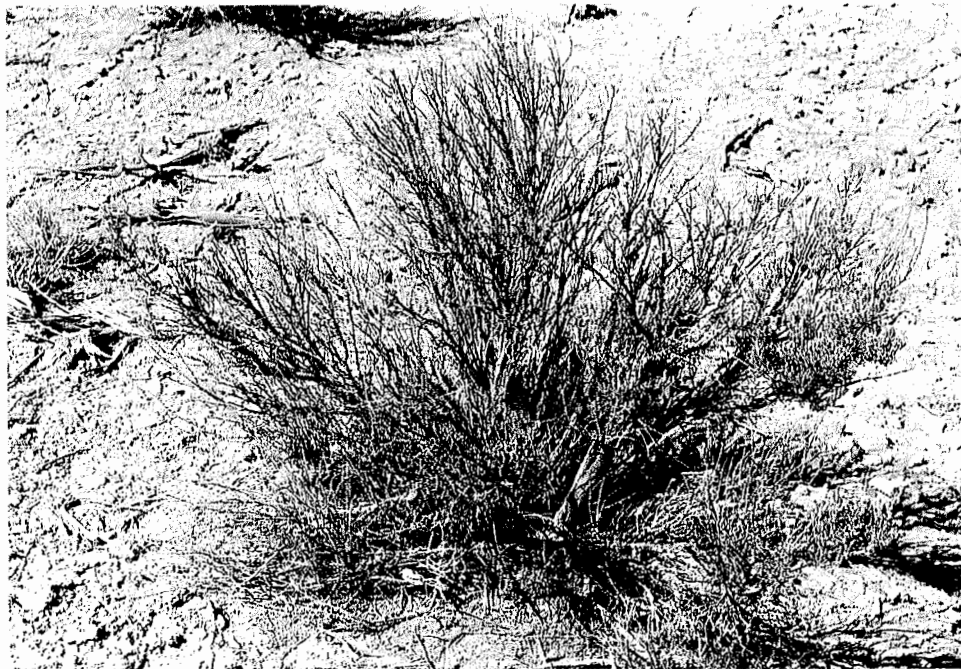
Photograph 76. N10 LOMCRA Pinyon-Juniper Baseline, Sample 4, Spring 2003



Photograph 77. LOMCRA Sagebrush Baseline, Spring 2003



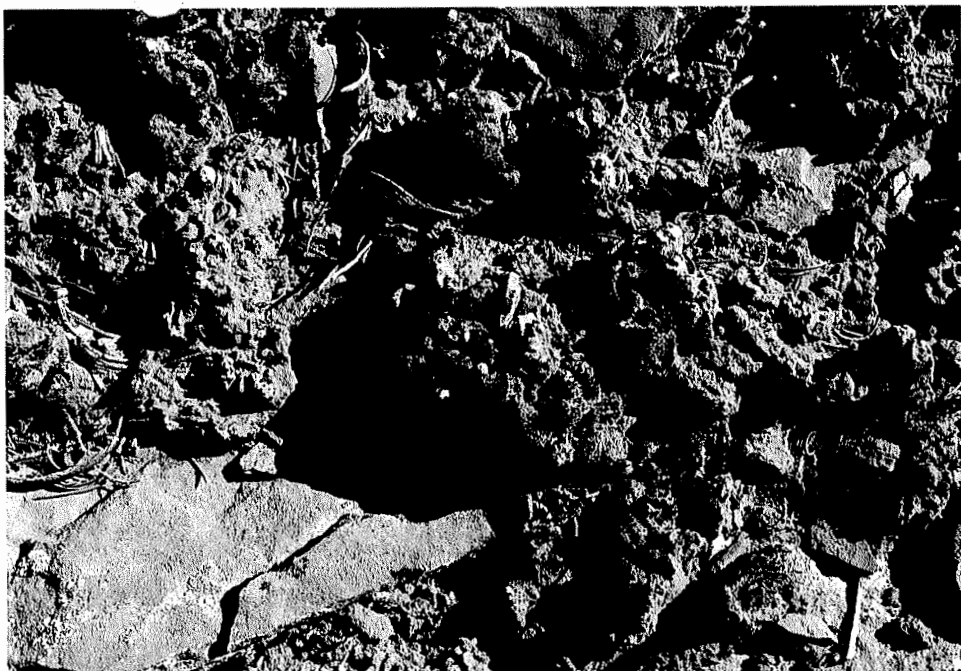
Photograph 78. LOMCRA Sagebrush Baseline, Spring 2003



Photograph 79. Sagebrush with drought-induced crown die-back, LOMCRA Baseline, Spring 2003



Photograph 80. Utah juniper harvested presumably for fuelwood, LOMCRA Baseline, Spring 2003



Photograph 81. Cryptogamic soil crust, J15 LOMCRA, Spring 2003



Photograph 82. Cryptogamic soil crust, J15 LOMCRA, Spring 2003



Photograph 83. Cryptogamic soil crust, J15 LOMCRA, Spring 2003



Photograph 84. Cryptogamic soil crust, J15 LOMCRA, Spring 2003



Photograph 85. Wild Yam Wash, J2 LOMCRA Baseline, Spring 2003



Photograph 86. Wild Yam Wash, J2 LOMCRA Baseline, Spring 2003



Photograph 87. *Asclepias involucreta*, J2 LOMCRA Baseline, Spring 2003



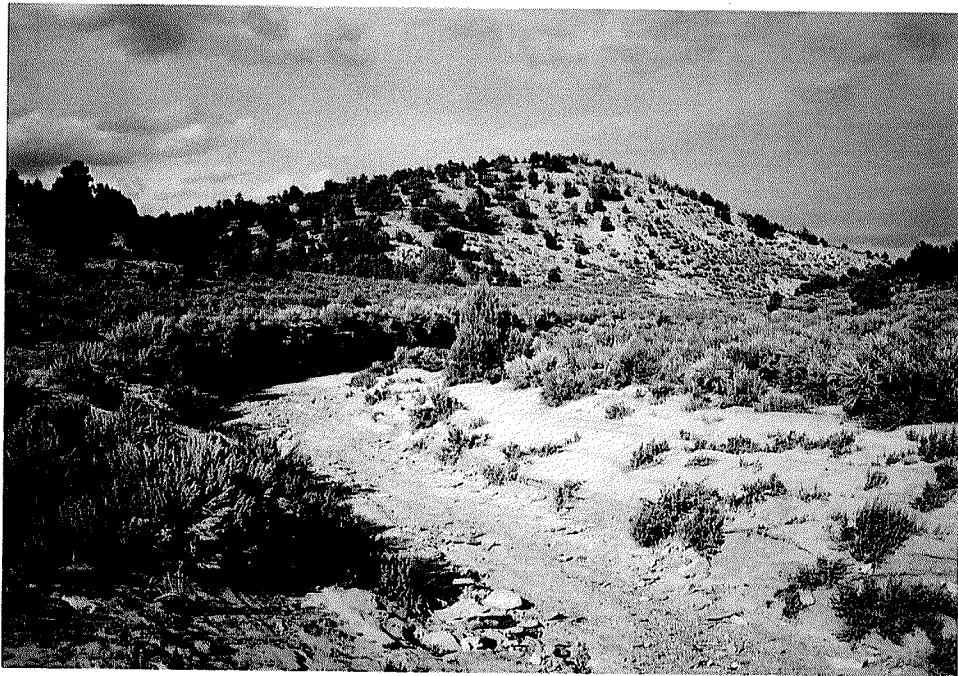
Photograph 88. Dry wash in outer area of J5/6 LOMCRA Baseline, Spring 2003



Photograph 89. Dry wash in outer area of J9 LOMCRA Baseline, Fall 2003



Photograph 90. Dry wash in outer area of J10 LOMCRA Baseline, Fall 2003



Photograph 91. Dry wash in outer area of N9 LOMCRA Baseline, Fall 2003



Photograph 92. Dry wash in outer area of N10 LOMCRA Baseline, Fall 2003

Map 1

**2003 Baseline Vegetation Sampling Map, LOMCRA Study Areas,
Black Mesa Mining Complex**