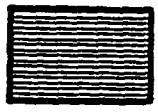
R. 33 E.

R. 34 E.

LEGEND

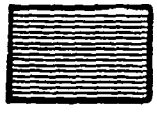


MEASURED POTASH RESERVES (POTASH ENCLAVE)

Resources for which tonnage is computed from dimensions revealed in workings and drill holes. The grade is computed from the results of detailed sampling. A minimum of three data points in any one ore zone meeting quality and thickness standards, no more than 1 1/2 miles (2.4 km.) apart, have been used to delineate measured reserves.

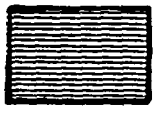
INDICATED POTASH RESERVES

Resources from which tonnage is computed partly from specific measurements, samples, or production data and partly from projection for a reasonable distance on geologic evidence. The sites available for inspection, measurement and sampling are too widely, or otherwise inappropriately, spaced to permit the mineral bodies to be outlined completely or the grade established throughout.



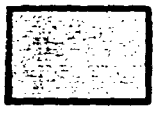
INFERRED POTASH RESOURCE

Resources which are probable, but tonnage and grade cannot be computed due to the absence of specific data. Lithologic descriptions and Gamma logs indicate probable mineralizations, and the data can be reasonably correlated.



BARREN AND/OR MINOR POTASH MINERALIZATION AREAS

Composed of subeconomic resources that would require a substantially higher market value or a major cost reducing technology for economical production. Subeconomic resources also include other bittern mineral not presently being recovered.



FIRST MINED AREAS

Partly extracted areas in one or more ore zones.

SECOND MINED AREAS

Areas where potash has been completely mined or lost during mining in one or more zones. Ore zone(s) above and/or below the mine level(s) may contain resources of proven or potential value.

CARLSBAD KNOWN POTASH LEASING AREA BOUNDARY

Effective February 22, 1984,and pursuant to authority contained in the Act of March 3, 1879 (43 U.S.C. 31), as supplemented by Reorganization Plan No. 3 of 1950 (43 U.S.C. 1451, note), and 220 Department Manual No. 2 and Secretary's Order No. 2948. Boundary delineates and defines a total of 497,002.03 acres.

SECRETARY'S ORDER FOR THE POTASH AREA

LEGEND

MEASURED POTASH RESERVES (POTASH ENCLAVE)

Resources for which tonnage is computed from dimensions revealed in workings and drill holes. The grade is computed from the results of detailed sampling. A minimum of three data points in any one zone meeting quality and thickness standards, no more than ¼ mile (0.4 km) apart, have been used to delineate measured reserves.

INDICATED POTASH RESERVES

Resources from which tonnage is computed partly from specific measurements, samples, or production data and partly from projection for a reasonable distance on geologic evidence. The sites available for inspection, measurement and sampling are too widely or otherwise inappropriately spaced to permit the mineral bodies to be outlined completely or the grade established throughout.

INFERRED POTASH RESOURCE

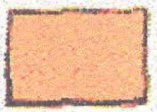
Resources which are probable, but tonnage and grade cannot be computed due to the absence of specific data. Lithologic descriptions and Gamma logs indicate probable mineralizations, and the data can be reasonably completed.

BARREN AND/OR MINOR POTASH MINERALIZATION AREAS

Composed of subeconomic resources that would require a substantially higher market value or a major cost reducing technology for economical production. Subeconomic resources also include other bittern mineral not presently being recovered.

FIRST MINED AREAS

Partly extracted areas in one or more ore zones.



SECOND MINED AREAS

Areas where potash has been completely mined or lost during mining in one or more zones. Ore zone(s) above and/or below the mine level(s) may contain resources of proven or potential value.

CARLSBAD KNOWN POTASH LEASING AREA BOUNDARY

Effective February 22, 1954, and pursuant to authority contained in the Act of March 3, 1879 (43 U.S.C. 31), as supplemented by Reorganization Plan No. 3 of 1950 (43 U.S.C. 1451, note), and 220 Departmental Manual No. 2 and Secretary's Order No. 2948. Boundary delineates and defines a total of 497,502.00 acres.

SECRETARY'S ORDER FOR OIL AND POTASH AREAS