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MINERAL RESOURCE CIRCULAR
NO. 29

Index to Mineral Resources of Texas by Counties

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Minerals and mineral substances that are of wide occurrence in the State, and as building stone, caliche, clay, cement materials, coal, dolomite, gravel, greensand, gypsum, iron ore, lignite, lime materials, limestone, miscellaneous stone, peat, sand, sandstone, and volcanic ash, are mentioned for most but not necessarily for all counties in which they occur. Oil and gas are listed only where being produced. Salt, which underlies large areas in west Texas, is listed only in counties where it is proven by drilling to occur, and in some of the salt domes of the Gulf Coastal Plain.

Mineral substances, names of which are in italics, are those that are now being produced or have been produced in the county. Names of producers are given under the product produced (page 12), except producers of oil and gas, which are not listed in the circular.

Mineral Occurrences by Counties

ANDERSON COUNTY: Asphalt, burning clay, *gas*, gravel, *iron ore*, lignite, limestone, *oil*, residual ironstone pebbles, salt and associated minerals in salt domes, sand.

ANDREWS COUNTY: *Caliche*, chalcedony, *drilling clay*, *gas*, gravel, *oil*, opal, salt and associated minerals in bedded underground deposits, sand, sodium sulphate.

ANGELINA COUNTY: *Bleaching clay*, *drilling clay*, lignite, *oil*.

ARANSAS COUNTY: *Carbon black*, *gas*, *oil*, oyster shells.

ARCHER COUNTY: *Copper*, *gas*, *oil*.

ARMSTRONG COUNTY: *Caliche*, diatomite, gypsum, salt and associated minerals in bedded underground deposits.

ATASCOSA COUNTY: *Bleaching clay*, *burning clay*, *gas*, glass sand, gravel, grinding pebbles, lignite, *oil*, sand, sandstone, volcanic ash.

AUSTIN COUNTY: Fossil wood, *gas*, gravel, *oil*, salt and associated minerals in salt domes, sand.

BAILEY COUNTY: *Caliche*, *drilling clay*, limestone, salt and associated minerals in bedded underground deposits, sodium sulphate.

BANDERA COUNTY: *Building stone*, caliche, gravel, limestone.

BASTROP COUNTY: *Building stone*, *burning clay*, *gas*, gravel, grinding pebbles, lignite, *oil*, sand.

BAYLOR COUNTY: *Building stone*, copper, *gas*, gravel, limestone, *oil*, sand.

BEE COUNTY: *Caliche*, *gas*, *oil*.

BELL COUNTY: Gravel, grinding pebbles, limestone, mineral water, pulverulent limestone, rock wool materials, sand.

BEXAR COUNTY: *Bleaching clay*, *burning clay*, calcareous concretions, cement materials, *gas*, gravel, greensand, grinding pebbles, lignite, limestone, mineral water, *oil*, sand, spring.

BLANCO COUNTY: Asbestos, chromite, dolomite, guano, lead, limestone, soapstone.

BORDEN COUNTY: *Caliche*, limestone, magnesium chloride, miscellaneous stone, salt and associated minerals in bedded underground deposits.

BOSQUE COUNTY: *Caliche*, gravel, limestone, miscellaneous stone, sand.

BOWIE COUNTY: *Building stone*, *burning clay*, gravel, lignite, mineral water, sand.

BRAZORIA COUNTY: Bromine, *gas*, magnesium chloride, *oil*, salt and associated minerals in salt domes, sulphur.

BRAZOS COUNTY: *Bleaching clay*, *gas*, gravel, lignite, miscellaneous stone, sand, volcanic ash.

BREWSTER COUNTY: Agate, barite, basalt, coal, gravel, lead, limestone, marble, mercury, novaculite, porphyry-syenite, sand, silver, springs.

BRISCOE COUNTY: *Bleaching clay*, caliche, salt and associated minerals in bedded underground deposits, volcanic ash.

BROOKS COUNTY: *Gas*, gypsum, *oil*, salt and associated minerals in salt domes.

BROWN COUNTY: *Burning clay*, caliche, celestite, *gas*, gravel, limestone, *oil*, sand.

BURLESON COUNTY: *Bleaching clay*, gravel, lignite, sand.

BURNET COUNTY: Asphalt, copper, dolomite, fluorite, granite, graphite, gravel, guano, lead, limestone, pulverulent dolomite, sand, terrazzo, vermiculite.

CALDWELL COUNTY: *Gas*, gravel, grinding pebbles, lignite, mineral water, *oil*, sand.

CALHOUN COUNTY: *Gas*, *oil*, oyster shells.

CALLAHAN COUNTY: *Caliche*, *gas*, glass sand, lime materials, limestone, mineral water, miscellaneous stone, *oil*.

CAMERON COUNTY: *Burning clay*.

CAMP COUNTY: *Burning clay*, *gas*, lignite, *oil*, residual ironstone pebbles.

CARSON COUNTY: *Caliche*, dolomite, *gas*, *oil* salt and associated minerals in bedded underground deposits.

CASS COUNTY: *Burning clay*, *gas*, iron ore, lignite, *oil*.

CASTRO COUNTY: *Caliche*, salt and associated minerals in bedded underground deposits.

CHAMBERS COUNTY: *Clam shell deposits*, *gas*, *oil*, oyster shells, salt and associated minerals in salt domes, sulphur.

- CHEROKEE COUNTY: *Burning clay, gas, iron ore, lignite, oil.*
- CHILDRESS COUNTY: *Dolomite, gravel, gypsite, gypsum, miscellaneous stone, salt and associated minerals in bedded underground deposits, sand.*
- CLAY COUNTY: *Gas, gravel, oil, sand.*
- COCHRAN COUNTY: *Caliche, drilling clay, gas, oil, salt and associated minerals in bedded underground deposits, sodium sulphate.*
- COKE COUNTY: *Celestite, gravel, gypsum, limestone, oil, sand.*
- COLEMAN COUNTY: *Burning clay, coal, gas, glass sand, gravel, limestone, oil, sand.*
- COLLIN COUNTY: *Burning clay, gravel, limestone, miscellaneous stone, sand.*
- COLLINGSWORTH COUNTY: *Building stone, gas, gravel, gypsum, salt and associated minerals in bedded underground deposits, sand, volcanic ash.*
- COLORADO COUNTY: *Bleaching clay, gas, gravel, grinding pebbles, oil, sand.*
- COMAL COUNTY: *Gravel, lime materials, limestone, miscellaneous stone, sand, spring.*
- COMANCHE COUNTY: *Gas, limestone, oil, sand.*
- CONCHO COUNTY: *Caliche, gas, gravel, limestone.*
- COOKE COUNTY: *Asphalt, burning clay, gas, gravel, limestone, oil, sand.*
- CORYELL COUNTY: *Gravel, limestone, sand.*
- COTTLE COUNTY: *Dolomite, gravel, gypsum, sand.*
- CRANE COUNTY: *Caliche, gas, limestone, oil, salt and associated minerals in bedded underground deposits, sodium sulphate.*
- CROCKETT COUNTY: *Building stone, caliche, gas, limestone, oil, salt and associated minerals in bedded underground deposits.*
- CROSBY COUNTY: *Caliche, diatomite, drilling clay, gravel, salt and associated minerals in bedded underground deposits, sand.*
- CULBERSON COUNTY: *Barite, copper, feldspar, gypsum, lead, limestone, marble, mica, salt in surface saline deposits, silver, spring, sulphur, tungsten, turquoise, zinc.*
- DALLAM COUNTY: *Caliche, gravel, salt and associated minerals in bedded underground deposits, sand, spring.*
- DALLAS COUNTY: *Burning clay, cement materials, gravel, lime materials, limestone, miscellaneous stone, sand.*
- DAWSON COUNTY: *Caliche, limestone, miscellaneous stone, oil, salt and associated minerals in bedded underground deposits.*
- DEAF SMITH COUNTY: *Caliche, salt and associated minerals in bedded underground deposits.*
- DELTA COUNTY: *Gravel, sand.*
- DENTON COUNTY: *Burning clay, gravel, limestone, mineral water, oil, sand.*
- DE WITT COUNTY: *Caliche, gas, gravel, oil, sand.*
- DICKENS COUNTY: *Caliche, drilling clay, fossil wood, salt and associated minerals in bedded underground deposits, volcanic ash.*
- DIMMIT COUNTY: *Caliche, gas, gravel, lignite, miscellaneous stone, oil, sand.*
- DONLEY COUNTY: *Caliche, dolomite, drilling clay, salt and associated minerals in bedded underground deposits.*
- DUVAL COUNTY: *Caliche, chalcedony, gas, miscellaneous stone, oil, salt and associated minerals in salt domes, sulphur.*
- EASTLAND COUNTY: *Burning clay, coal, gas, gravel, limestone, miscellaneous stone, mineral water, oil, sand.*
- ECTOR COUNTY: *Caliche, gas, limestone, meteoric nickel-iron, oil, rock dust.*
- EDWARDS COUNTY: *Caliche, guano, limestone, springs.*
- ELLIS COUNTY: *Burning clay, gravel, limestone, mineral water, miscellaneous stone, sand.*
- EL PASO COUNTY: *Caliche, cement materials, drilling clay, gravel, lime materials, limestone, sand, tin.*
- ERATH COUNTY: *Coal, fossil wood, gas, limestone, miscellaneous stone, oil, sand, shale.*
- FALLS COUNTY: *Burning clay, gravel, mineral water, oil, sand.*
- FANNIN COUNTY: *Gravel, limestone, miscellaneous stone, sand.*
- FAYETTE COUNTY: *Bleaching clay, building stone, flint pebbles, gas, gravel, lignite, oil, sand, volcanic ash.*
- FISHER COUNTY: *Celestite, dolomite, gas, gypsum, oil.*
- FLOYD COUNTY: *Caliche, gravel, limestone, salt and associated minerals in bedded underground deposits, sand.*
- FOARD COUNTY: *Copper, dolomite, gas, gravel, gypsum, oil, sand.*
- FORT BEND COUNTY: *Burning clay, gas, oil, salt and associated minerals in salt domes, sand, sulphur.*
- FRANKLIN COUNTY: *Gas, oil, residual ironstone pebbles.*
- FREESTONE COUNTY: *Foundry sand, gas, gravel, kaolin in sand, lignite, oil, salt and associated minerals in salt domes, sand.*
- FRIO COUNTY: *Caliche, gas, gravel, grinding pebbles, lignite, miscellaneous stone, oil, sand.*
- GAINES COUNTY: *Caliche, gas, limestone, oil, opal and chalcedony, salt and associated minerals in bedded underground deposits, sodium sulphate.*
- GALVESTON COUNTY: *Clay, gas, oil, oyster shell deposits, sand.*
- GARZA COUNTY: *Caliche, drilling clay, gravel, limestone, oil, salt and associated minerals in bedded underground deposits, sand.*
- GILLESPIE COUNTY: *Barite, chromite, dolomite, feldspar, fluonite, gold, granite, gypsum, limestone, serpentine, soapstone.*
- GLASSCOCK COUNTY: *Building stone, caliche, gas, limestone, miscellaneous stone, oil, salt and associated minerals in bedded underground deposits.*
- GOLIAD COUNTY: *Burning clay, caliche, gas, oil.*
- GONZALES COUNTY: *Bleaching clay, gravel, grinding pebbles, lignite, peat, sand, volcanic ash.*
- GRAY COUNTY: *Caliche, carbon black, drilling clay, gas, miscellaneous stone, oil, salt and associated minerals in bedded underground deposits.*
- GRAYSON COUNTY: *Gas, gravel, limestone, mineral water, miscellaneous stone, oil, sand.*
- GREGG COUNTY: *Burning clay, gas, lignite, mineral water, oil, residual ironstone pebbles, sand.*
- GRIMES COUNTY: *Bleaching clay, building stone, fossil wood, gravel, lignite, salt and associated minerals in salt domes, sand, sandstone, volcanic ash.*

GUADALUPE COUNTY: *Burning clay, gas, gravel, lignite, limestone, oil, peat, sand.*
 HALE COUNTY: *Caliche, gravel, salt and associated minerals in bedded underground deposits, sand.*
 HALL COUNTY: *Burning clay, gravel, salt and associated minerals in bedded underground deposits, sand.*
 HAMILTON COUNTY: *Building stone, gas, gravel, limestone, miscellaneous stone, sand.*
 HANSFORD COUNTY: *Caliche, salt and associated minerals in bedded underground deposits.*
 HARDEMAN COUNTY: *Copper, dolomite, gravel, gypsum, miscellaneous stone, oil, sand.*
 HARDIN COUNTY: *Gas, gravel, oil, salt and associated minerals in salt domes, sand.*
 HARRIS COUNTY: *Burning clay, cement materials, clay, gas, gravel, gypsum, lime materials, oil, salt and associated minerals in salt domes, sand.*
 HARRISON COUNTY: *Activated carbon, burning clay, gas, iron ore, lignite, mineral water, oil, residual ironstone pebbles.*
 HARTLEY COUNTY: *Caliche, diatomite, drilling clay, gas, salt and associated minerals in bedded underground deposits, volcanic ash.*
 HASKELL COUNTY: *Copper, gas, gravel, limestone, oil, sand.*
 HAYS COUNTY: *Gravel, limestone, miscellaneous stone, sand, spring.*
 HEMPHILL COUNTY: *Caliche, gravel, salt and associated minerals in bedded underground deposits, sand, volcanic ash.*
 HENDERSON COUNTY: *Burning clay, gas, gravel, iron ore, lignite, oil, sand.*
 HIDALGO COUNTY: *Burning clay, caliche, gas, gravel, oil, salt in surface saline deposits, sand.*
 HILL COUNTY: *Burning clay, caliche, gravel, limestone, mineral water, miscellaneous stone, sand.*
 HOCKLEY COUNTY: *Caliche, gas, gravel, limestone, oil, salt and associated minerals in bedded underground deposits, sand, sodium sulphate.*
 HOOD COUNTY: *Building stone, gravel, limestone, sand.*
 HOPKINS COUNTY: *Burning clay, gas, gravel, lignite, oil, sand.*
 HOUSTON COUNTY: *Bleaching clay, building stone, gas, gravel, lignite, oil, salt and associated minerals in salt domes, sand.*
 HOWARD COUNTY: *Caliche, drilling clay, gas, gravel, limestone, oil, salt and associated minerals in bedded underground deposits, sand, sodium sulphate.*
 HUDSPETH COUNTY: *Barite, caliche, coal, copper, drilling clay, fluorite, gold, gypsum, lead, limestone, quartz, rhyolite, salt in surface saline deposits, silver, springs, tungsten, zinc.*
 HUNT COUNTY: *Burning clay, mineral water, miscellaneous stone, oil, sand.*
 HUTCHINSON COUNTY: *Caliche, carbon black, dolomite, gas, gravel, oil, salt and associated minerals in bedded underground deposits, sand.*
 IRION COUNTY: *Caliche, limestone, oil, salt and associated minerals in bedded underground deposits, spring.*
 JACK COUNTY: *Coal, gas, limestone, oil.*
 JACKSON COUNTY: *Gas, gravel, oil, sand.*
 JASPER COUNTY: *Bleaching clay, gravel, miscellaneous stone, sand.*
 JEFF DAVIS COUNTY: *Barite, kaolin, limestone, manganese, syenite, titanium, tuff.*
 JEFFERSON COUNTY: *Burning clay, gas, mineral water, oil, oyster shells, salt and associated minerals in salt domes, sand.*
 JIM HOGG COUNTY: *Caliche, gas, miscellaneous stone, oil.*
 JIM WELLS COUNTY: *Caliche, gas, gravel, oil, sand.*
 JOHNSON COUNTY: *Gravel, limestone, sand.*
 JONES COUNTY: *Building stone, copper, fossil wood, gas, limestone, oil.*
 KARNES COUNTY: *Bleaching clay, gas, oil, sandstone.*
 KAUFMAN COUNTY: *Burning clay, gravel, miscellaneous stone, sand.*
 KENDALL COUNTY: *Basalt, building stone, gravel, limestone, sand.*
 KENEDY COUNTY: *Caliche.*
 KENT COUNTY: *Gravel, miscellaneous stone, salt and associated minerals in bedded underground deposits, sand, volcanic ash.*
 KERR COUNTY: *Building stone, caliche, gravel, limestone, sand, spring.*
 KIMBEL COUNTY: *Limestone, oil.*
 KING COUNTY: *Copper, dolomite, fossil wood, gypsum, miscellaneous stone, oil.*
 KINNEY COUNTY: *Asphaltic limestone, barite, caliche, gravel, limestone, sand, spring.*
 KLEBERG COUNTY: *Caliche, gas, oil.*
 KNOX COUNTY: *Copper, gravel, sand.*
 LAMAR COUNTY: *Gravel, limestone, mineral water, sand.*
 LAMB COUNTY: *Caliche, drilling clay, salt and associated minerals in bedded underground deposits, sodium sulphate.*
 LAMPASAS COUNTY: *Gravel, limestone, miscellaneous stone, sand, tripoli.*
 LA SALLE COUNTY: *Caliche, gas, gravel, mineral water, oil, sand.*
 LAVACA COUNTY: *Gas, oil, sand.*
 LEE COUNTY: *Burning clay, gravel, grinding pebbles, lignite, limestone, miscellaneous stone, peat, quartzite, sand, sandstone.*
 LEON COUNTY: *Bleaching clay, fossil wood, gas, gravel, lignite, miscellaneous stone, oil, salt and associated minerals in salt domes, sand.*
 LIBERTY COUNTY: *Gas gravel, oil, salt and associated minerals in salt domes, sand, sulphur.*
 LIMESTONE COUNTY: *Burning clay, gas, gravel, lignite, limestone, oil, sand.*
 LIPSCOMB COUNTY: *Caliche, salt and associated minerals in bedded underground deposits, sand.*
 LIVE OAK COUNTY: *Caliche, drilling clay, gas, gravel, oil, sand.*
 LLANO COUNTY: *Asbestos, barite, bismuth, dolomite, feldspar, granite, graphite, iron ore, limestone, magnesite, molybdenum, rare earth minerals, serpentine, silica, soapstone, tungsten, vermiculite.*

- LOVING COUNTY: *Caliche, gas, oil, salt and associated minerals in bedded underground deposits.*
- LUBBOCK COUNTY: *Caliche, gravel, limestone, miscellaneous stone, oil, salt and associated minerals in bedded underground deposits.*
- LYNN COUNTY: *Caliche, drilling clay, magnesium sulphate, salt and associated minerals in bedded underground deposits, sodium sulphate, volcanic ash.*
- McCULLOCH COUNTY: *Caliche, coal dolomite, gas, gravel, limestone, oil, sand.*
- McLENNAN COUNTY: *Burning clay, cement materials, gravel, limestone, oil, sand.*
- McMULLEN COUNTY: *Bleaching clay, chalcedony, gas, gravel, grinding pebbles, lignite, oil, sand.*
- MADISON COUNTY: *Burning clay, gravel, lignite, sand.*
- MARION COUNTY: *Gas, iron ore, lignite oil, residual ironstone pebbles.*
- MARTIN COUNTY: *Caliche, limestone, miscellaneous stone, salt and associated minerals in bedded underground deposits.*
- MASON COUNTY: *Dolomite, fluorite, granite, guano, iron ore, limestone, magnesite, manganese, mica, tin.*
- MATAGORDA COUNTY: *Drilling clay, gas, oil, oyster shells, salt and associated minerals in salt domes, sulphur.*
- MAVERICK COUNTY: *Burning clay, caliche, coal, gas, gravel, sand.*
- MEDINA COUNTY: *Burning clay, gas, gravel, grinding pebbles, guano, lignite limestone, oil, sand.*
- MENARD COUNTY: *Caliche, gas, gravel, gypsum, limestone, sand.*
- MIDLAND COUNTY: *Caliche, limestone, salt and associated minerals in bedded underground deposits, sodium sulphate.*
- MILAM COUNTY: *Gas, gravel, lignite, mineral water, oil, peat, sand.*
- MILLS COUNTY: *Caliche, gravel, limestone, miscellaneous stone, sand, sandstone.*
- MITCHELL COUNTY: *Gas, gravel, gypsum, miscellaneous stone, oil, salt and associated minerals in bedded underground deposits, sand.*
- MONTAGUE COUNTY: *Asphalt, burning clay, coal, fossil wood, gas, gravel, limestone, oil, sand.*
- MONTGOMERY COUNTY: *Gas, gravel, oil, sand.*
- MOORE COUNTY: *Caliche, carbon black, dolomite, gas, gypsum, oil, salt and associated minerals in bedded underground deposits.*
- MORRIS COUNTY: *Iron ore, lignite, miscellaneous stone, residual ironstone pebbles.*
- MOTLEY COUNTY: *Caliche, gravel, salt and associated minerals in bedded underground deposits, sand, spring.*
- NACOGDOCHES COUNTY: *Asphalt, burning clay, gas, iron ore, lignite, mineral water, oil, residual ironstone pebbles.*
- NAVARRO COUNTY: *Burning clay, gas, gravel, limestone, oil, sand.*
- NEWTON COUNTY: *Gravel, miscellaneous stone, sand.*
- NOLAN COUNTY: *Celestite, dolomite, gravel, gypsum, limestone, sand.*
- NUECES COUNTY: *Carbon black, gas, gravel lime materials, oil, oyster shells, sand.*
- OCHILTREE COUNTY: *Caliche, salt and associated minerals in bedded underground deposits, sand.*
- OLDHAM COUNTY: *Caliche, dolomite, gravel, salt and associated minerals in bedded underground deposits, sand.*
- ORANGE COUNTY: *Burning clay, gas, oil, salt and associated minerals in salt domes, sand.*
- PALO PINTO COUNTY: *Burning clay, coal, gas, gravel, limestone, mineral water, oil, sand, shale.*
- PANOLA COUNTY: *Gas, lignite, oil, residual ironstone pebbles.*
- PARKER COUNTY: *Burning clay, coal, gas, gravel, limestone, miscellaneous stone, sand.*
- PARMER COUNTY: *Caliche, salt and associated minerals in bedded underground deposits.*
- PECOS COUNTY: *Building stone, gas, gravel, limestone, oil, salt and associated minerals in bedded underground deposits, sand, spring.*
- POLK COUNTY: *Gas, gravel, oil, peat, rice sand, sand, volcanic ash.*
- POTTER COUNTY: *Burning clay, caliche, dolomite, gas, gravel, gypsum, salt and associated minerals in bedded underground deposits, sand.*
- PRESIDIO COUNTY: *Coal, copper, fluorite, gold, gravel, lead, limestone, mercury, nitrates, rhyolite, sand, silver, spring, zinc.*
- RAINS COUNTY: *Burning clay, lignite.*
- RANDALL COUNTY: *Caliche, miscellaneous stone, salt and associated minerals in bedded underground deposits.*
- REAGAN COUNTY: *Caliche, gas, limestone, oil, salt and associated minerals in bedded underground deposits.*
- REAL COUNTY: *Caliche, celestite, kaolin, limestone, spring.*
- RED RIVER COUNTY: *Burning clay, gravel, miscellaneous stone, sand.*
- REEVES COUNTY: *Agate, drilling clay, gravel, limestone, oil, salt and associated minerals in bedded underground deposits, sand, spring, sulphur.*
- REFUGIO COUNTY: *Building sand, gas, oil.*
- ROBERTS COUNTY: *Caliche, gravel, salt and associated minerals in bedded underground deposits, sand, volcanic ash.*
- ROBERTSON COUNTY: *Burning clay, gravel, lignite, sand.*
- ROCKWALL COUNTY: *Gravel, miscellaneous stone, sand.*
- RUNNELS COUNTY: *Gas, gravel, limestone, oil, sand.*
- RUSK COUNTY: *Burning clay, gas, iron ore, lignite, oil, peat residual ironstone pebbles.*
- SABINE COUNTY: *Bleaching clay, burning clay, lignite, residual ironstone pebbles.*
- SAN AUGUSTINE COUNTY: *Burning clay, gravel, lignite, miscellaneous stone, residual ironstone pebbles, sand.*
- SAN JACINTO COUNTY: *Gas, gravel, oil, peat, rice sand, sand.*
- SAN PATRICIO COUNTY: *Caliche, gas, gravel, oil, sand.*
- SAN SABA COUNTY: *Building stone, calcareous tufa, dolomite, gravel, limestone, oil shale, sand.*
- SCHLEICHER COUNTY: *Caliche, gas, limestone, oil.*
- SCURRY COUNTY: *Caliche, gas, gravel, limestone, oil, salt and associated minerals in bedded underground deposits, sand, volcanic ash.*

SHACKELFORD COUNTY: Gas, limestone, oil.
 SHELBY COUNTY: Gas, lignite, oil, residual ironstone pebbles.
 SHERMAN COUNTY: Caliche, gas, gravel, salt and associated minerals in bedded underground deposits, sand.
 SMITH COUNTY: Burning clay, gas, gravel, iron ore, lignite, oil, peat, salt and associated minerals in salt domes, sandstone, spring.
 SOMERVELL COUNTY: Gravel, limestone, mineral water, sand.
 STARR COUNTY: Burning clay, caliche, fossil wood, gas, gravel, oil, sand, volcanic ash.
 STEPHENS COUNTY: Carbon black, coal, gas, limestone, oil.
 STERLING COUNTY: Limestone, miscellaneous stone, salt and associated minerals in bedded underground deposits.
 STONEWALL COUNTY: Copper, dolomite, gas, gravel, gypsum, limestone, oil, salt in surface saline deposits, sand.
 SUTTON COUNTY: Building stone, caliche, guano, limestone, spring.
 SWISHER COUNTY: Bleaching clay, caliche, salt and associated minerals in bedded underground deposits, volcanic ash.
 TARRANT COUNTY: Cement materials, gravel, limestone, sand.
 TAYLOR COUNTY: Burning clay, celestite, gas, gravel, limestone, oil, sand.
 TERRELL COUNTY: Caliche, gravel, limestone, sand.
 TERRY COUNTY: Caliche, drilling clay, gas, oil, salt and associated minerals in bedded underground deposits, sodium sulphate.
 THROCKMORTON COUNTY: Gas, gravel, limestone, oil, sand.
 TITUS COUNTY: Burning clay, gas, lignite, oil, residual ironstone pebbles.
 TOM GREEN COUNTY: Burning clay, gravel, limestone, miscellaneous stone, oil, sand, spring.
 TRAVIS COUNTY: Basalt, gravel, grinding pebbles, lime materials, limestone, mineral water, soil, sand, spring.
 TRINITY COUNTY: Bleaching clay, building stone, gravel, lignite, sand, sulphur.
 TYLER COUNTY: Gas, gravel, miscellaneous stone, oil, residual ironstone pebbles, sand, volcanic ash.
 UPSHUR COUNTY: Burning clay, gas, gravel, iron ore, lignite, oil, residual ironstone pebbles, sand.
 UPTON COUNTY: Caliche, drilling clay, gas, limestone, miscellaneous stone, oil, salt and associated minerals in bedded underground deposits.
 UVALDE COUNTY: Asphalt, basalt, gravel, grinding pebbles, guano, limestone, sand, spring.
 VAL VERDE COUNTY: Barite, caliche, flagstone, gravel, limestone, manganese, sand, spring.
 VAN ZANDT COUNTY: Gas, lignite, oil, residual ironstone pebbles, salt and associated minerals in salt domes, spring.
 VICTORIA COUNTY: Gas, gravel, oil, sand.
 WALKER COUNTY: Bleaching clay, gravel, lignite, miscellaneous stone, sand, volcanic ash.
 WALLER COUNTY: Gas, gravel, oil, salt and associated minerals in salt domes, sand.
 WARD COUNTY: Caliche, carbon black, gas, oil, salt and associated minerals in bedded underground deposits, sandstone, sodium sulphate.
 WASHINGTON COUNTY: Bleaching clay, fossil wood, gas, gravel, lignite, miscellaneous stone, oil, road clay, salt and associated minerals in salt domes, sand, volcanic ash.
 WEBB COUNTY: Burning clay, caliche, cannel coal, clay, gas, gravel, oil, sand.
 WHARTON COUNTY: Gas, gravel, oil, salt and associated minerals in salt domes, sand, sulphur.
 WHEELER COUNTY: Caliche, carbon black, gas, gravel, oil, salt and associated minerals in bedded underground deposits, sand.
 WICHITA COUNTY: Burning clay, gas, gravel, oil, sand, volcanic ash.
 WILBARGER COUNTY: Dolomite, gas, gravel, limestone, oil, sand, volcanic ash.
 WILLACY COUNTY: Burning clay, gas, oil, salt in surface saline deposits.
 WILLIAMSON COUNTY: Building stone, gas, gravel, grinding pebbles, lime materials, limestone, pulverulent limestone, oil, sand.
 WILSON COUNTY: Burning clay, gravel, kaolin, lignite, mineral water, miscellaneous stone, oil sand.
 WINKLER COUNTY: Caliche, carbon black, gas, limestone, oil, salt and associated minerals in bedded underground deposits.
 WISE COUNTY: Burning clay, coal, fossil wood, limestone, oil.
 WOOD COUNTY: Burning clay, gas, iron ore, lignite, oil, salt and associated minerals in salt domes.
 YOAKUM COUNTY: Caliche, gas, oil, salt and associated minerals in bedded underground deposits.
 YOUNG COUNTY: Building stone, coal, gas, gravel, limestone, oil, sand.
 ZAPATA COUNTY: Caliche, gas, gravel, miscellaneous stone, oil, sand.
 ZAVALA COUNTY: Asphaltic sand, gas, gravel, grinding pebbles, lignite, limestone, sand.

Mineral Producers in Texas, 1946.
 Exclusive of Oil and Gas

Name and Business Address	County in which mine or quarry is located
ACIDIC EARTH	
1. Pecos Orla Sulphur Co., 702 Franklin Ave., Houston, Texas	Culberson
ASPHALT	
1. Uvalde Rock Asphalt Co., 510 Frost Natl. Bk. Bldg., San Antonio, Texas	Uvalde
2. White's Uvalde Mines, 314 Nolan St., San Antonio, Texas	Uvalde

BARITE

1. Mid-Continent Mud Co., Pandale, Texas
2. Mills, H.J.Y., Del Rio, Texas

Val Verde
Val Verde

BASALT

1. Southwest Stone Co., 1603 Mercantile Bk. Bldg., Dallas, Texas

Uvalde

BLEACHING CLAY

1. Bennett-Clark Co., Inc., The, Nacogdoches, Texas
2. Continental Oil Co. of Delaware, Riverside, Texas; Ponca City, Okla.
3. Earthern Products Co., 2510 Crockett St., Houston, Texas
4. Flatonia Fuller's Earth Co., c/o R. A. Wheeler, Jr. Flatonia, Texas
5. Kelley, W. R., & Son, Box 2832, Dallas 1, Texas
6. McKinney, R. W., General Contractor, Nacogdoches
7. Milwhite Co., The, Inc., Cotton Exchange Bldg.; Box 1283, Houston 2, Texas
8. Ranger Chemical Corp., Flatonia; 2000 Preston Ave., Box 1765, Houston 1, Texas
9. Silverton Clay Products Co., Silverton, Texas
10. Southern Co., Box 2005, San Antonio, Texas
11. The Texas Co., c/o J. S. Moss, Box 2332, Houston, Texas

Angelina
Walker
Fayette, Gonzales
Fayette
Scurry
Angelina
Angelina, Brazos, Gonzales
Fayette
Briscoe
Bexar
Fayette

BENTONITE

See bleaching clay.

BROMINE

1. Ethyle-Dow Chemical Co., Freeport, Texas; Wilmington, N.C.

Brazoria

BURNING CLAY AND CLAY PRODUCTS

1. Abilene Brick Co., Abilene, Texas
2. Acme Brick Co., Fort Worth, Texas
3. Alamo Clay Products Co., Elmendorf, Texas
4. Athens Tile & Pottery Co., Athens, Texas
5. Barren Brick Co., Palmer, Texas
6. Blumberg Brick Co., Seguin, Texas
7. Bridgeport Brick Co., Bridgeport, Texas
8. Bruni, A. M., Estate, Laredo, Texas
9. Byrd, J. J., Tyler Pottery, Tyler, Texas
10. Cantu, J., & Sons, Box 245, Adkins, Texas
11. Chavana, Ricardo, Laredo, Texas
12. Cordell, J. M., & Sons, 4719 Walker Ave., Rt. 1, Box 556, Houston, Texas
13. D'Hanis Brick & Tile Co., D'Hanis, Texas
14. Dickey, W. S., Clay Mfg. Co., 1302 Poplar St., San Antonio, Texas;
607-617 Commerce Trust Bldg., Kansas City, Mo.
15. Eagle Pass Brick Co., Eagle Pass, Texas
16. Elgin-Butlar Brick Co., 501 West 6th St., Austin, Texas
17. Elgin Standard Brick Mfg. Co., Elgin, 130 West 7th St., Austin, Texas
18. Ferris Brick Co., Ferris; 314 South Preston St., Dallas 1, Texas
19. Garrison Brick Co., Garrison, Texas
20. General Refractories Co., Troup, Texas; 1600 Real Estate Trust Bldg.,
Philadelphia, Pa.
21. Harbison-Walker Refractories Co., Athens, Texas; 1800 Farmers Bk. Bldg.,
Pittsburgh, Pa.
22. Hogue Pottery, Mt. Pleasant, Texas
23. Houston Brick & Tile Co., Inc., Box 2191, Houston, Texas
24. International Brick Co., Inc., 1600 San Antonio St., El Paso, Texas
25. Johnson, W. H., Shreveport 95, Louisiana
26. Kilgore, John M., Box 487, Goose Creek
27. Laredo Brick Co., Eagle Pass & Sanchez St., Box 130, Laredo, Texas
28. Lovefield Potteries, Dallas, Texas
29. McDade Pottery Co., McDade, Texas
30. Malakoff Brick Co., Malakoff, Texas
31. Marshall Brick Co., 1706 North Franklin St., Marshall, Texas
32. Marshall Pottery Co., 1400 Lake St., Marshall, Texas
33. Martin Brick Co., Coleman, Texas
34. Meyer Pottery Co., Atascosa, Texas
35. Mineral Wells Clay Products Co., Mineral Wells, Texas
36. Palo Pinto Coal Co., Mineral Wells, Texas
37. Reliance Clay Products Co., 2139 North Field St., Dallas, Texas

Taylor
Denton, Ellis, Parker (shale),
Wise (shale)
Bexar
Henderson
Ellis
Guadalupe
Wise
Webb
Smith
Bexar
Webb
Harris
Medina (shale)
Bexar (shale)

Maverick
Bastrop
Bastrop
Dallas (shale), Ellis (shale)
Nacogdoches
Smith

Henderson

Titus
Harris
El Paso (shale)
Harrison
Harris
Webb
Hopkins
Bastrop
Henderson
Harrison
Harrison
Coleman (shale)
Bexar
Parker (shale)
Palo Pinto
Palo Pinto (shale),
Smith (shale)

38. San Jose Pottery Co., San Antonio, Texas
39. Seguin Brick & Tile Co., McQueeney, Texas
40. Southern Co., Box 2005, San Antonio, Texas
41. Texas Brick Co., Box 510, Brownwood, Texas
42. Thermo Fire Brick Co., Sulphur Springs, Texas
43. Tri-State Brick & Tile Mfg. Co., Waskom, Texas
44. Valley Brick & Tile Co., Mission, Texas
45. Waterman Brick & Tile Co., Waskom, Texas
46. Whitselle Brick & Lumber Co., Corsicana, Texas

Bexar
Guadalupe (shale)
Bexar
Brown (shale)
Hopkins
Harrison
Hidalgo, Starr
Harrison
Navarro

CALICHE

1. Fordyce Gravel Co., Box 1981, San Antonio, Texas
2. La Joya Sand & Gravel Co., Drawer 790, McAllen, Texas

Hidalgo
Hidalgo

CELESTITE (strontium sulphate)

1. Bennett-Clark Co., Inc., The, Nacogdoches, Texas
2. Milwhite Co., The, Inc., Cotton Exchange Bldg., Box 1283, Houston 2, Texas

Fisher, Nolan
Brown

CEMENT MATERIALS or PORTLAND CEMENT

1. Gulf Portland Cement Co., Box 3046, Houston 1, Texas
2. Horton & Horton, Baker & Walnut Sts., Box 1778, Houston, Texas
3. Lone Star Cement Corp., 1407 Main St., 1217 First Natl. Bk. Bldg., Dallas 1, Texas
4. Longhorn Portland Cement Co., 1200 Transit Tower, San Antonio 6, Texas
5. San Antonio Portland Cement Co., 1301 West Martin St., San Antonio 9, Texas
6. Southwestern Portland Cement Co., 613 El Paso Natl. Bk. Bldg., El Paso, Texas
7. Trinity Portland Cement Co., 1618 Republic Bk. Bldg., Dallas 1, Texas
8. Universal Atlas Cement Co., Box 59, Waco; 135 East 42nd St., New York 17, N. Y.

Harris
Harris
Dallas, Harris
Bexar
Bexar
El Paso
Dallas, Harris, Tarrant
McLennan

COAL

See lignite.

COPPER

1. Drunzer, M. F., Van Horn, Texas

Hudspeth

COPPER-SILVER

1. Drunzer & Stumberg, Van Horn, Texas
2. Hazel Mine & Milling Co., c/o A. P. Williams, Van Horn, Texas

Hudspeth
Culberson

CRUSHED ROCK PRODUCTS

1. Graphilter products Co., c/o W. A. Letson, Llano, Texas

Llano

DRILLING CLAY

1. Earthern products Co., 2510 Crockett St., Houston, Texas
2. El Paso Clay & Powder Co., Box 200, El Paso, Texas
3. Jones, C. A., Midland, Texas
4. Melton, N. E., Clay Co., Box 547, Crane, Texas
5. Stell Clay Co., c/o W. V. Stell, Crane, Texas
6. Red-Head Mud Co., Palacios, Texas
7. Tri-County Clay Co., Brownfield; Box 143, Lubbock, Texas
8. Western Clay Products Co., Box 231, Houston, Texas

Fayette, Gonzales
El Paso
Howard
Crane
Crane
Jackson
Terry
Hudspeth

FELDSPAR

1. Moss, Mrs. Tillie Badu, Llano, Texas
2. Texas Mica & Feldspar Co., Van Horn, Texas

Llano
Culberson

FLUORSPAR

1. Melton, U. B., Allamoore; 4130 Bliss St., El Paso, Texas
2. Trepanier, J. J., Box 211, Sierra Blanca, Texas
3. Western Fluorite Co., Van Horn, Texas

Hudspeth
Hudspeth
Hudspeth

FULLER'S EARTH

See bleaching clay.

GLASS SAND

- | | |
|---|----------|
| 1. Espey Silica Sand Co., Rt. 7, Box 408, San Antonio 4, Texas | Atascosa |
| 2. Santa Anna Silica Sand Co., Santa Anna, Texas | Coleman |
| 3. West Land Security Co., Inc., Rt. 3, Box 405-A, San Antonio 2, Texas | Atascosa |

GRANITE

- | | |
|---|-----------|
| 1. Nagel Brothers, Fredericksburg, Texas | Gillespie |
| 2. Premier Granite Quarries, Inc., Llano, Texas | Llano |
| 3. Raesner, H. A., Llano, Texas | Llano |
| 4. Texas Quarries, Inc., Box 91, Austin, Texas | Llano |

GRAPHITE

- | | |
|---|--------|
| 1. Southwestern Graphite Co., Burnet, Texas | Burnet |
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GRINDING PEBBLES

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|---|------------------------|
| 1. Arloy Mining Co., Pearsall, Texas | Frio |
| 2. Dezendorf Marble Co., 2900 East 17th St., Box 121, Austin, Texas | Bastrop, Llano, Travis |
| 3. Hoyt, Philip S., 1002-3 Mills Bldg., El Paso, Texas | Bastrop |

GUANO

- | | |
|--------------------------------|-----------------|
| 1. Rugh, E. H., Bandera, Texas | Edwards, Medina |
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GYPSUM

- | | |
|---|-----------|
| 1. Briggs, Kate S., Quarry, Box 15, McNary, Texas | Hudspeth |
| 2. Celetex Corp., The, 1418 Irwin-Keasler Bldg., 1700 Commerce St., Dallas 1, Texas;
120 South La Salle St., Chicago 3, Ill. | Fisher |
| 3. Certain-teed Products Corp., 120 South La Salle St., Chicago 3, Ill. | Hardeman |
| 4. Gulf States Gypsum Co., Hockley; Kent B. Diehl, Mgr., 30th Floor Gulf Bldg.,
Houston 2, Texas | Harris |
| 5. National Gypsum Co., Rotan, Texas; 325 Delaware Ave., Buffalo, N. Y. | Fisher |
| 6. Neyland, O. L., 1450 West Magnolia Ave., San Antonio, Texas | Gillespie |
| 7. Southwestern Portland Cement Co., 613 El Paso Natl. Bk. Bldg., El Paso, Texas | Hudspeth |
| 8. United States Gypsum Co., Sweetwater, Texas; 300 West Adams St., Chicago 6, Ill. | Nolan |

IRON ORE

- | | |
|---|--------|
| 1. Lone Star Steel Co., Daingerfield, Texas | Morris |
| 2. Moss, Mrs. Tillie Badu, Llano, Texas | Llano |

LEAD-SILVER

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| 1. Caruthers, Mrs., Sierra Blanca, Texas | Hudspeth |
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LIGNITE

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| 1. Bastrop Lignite Coal Co., Bastrop, Texas | Bastrop |
| 2. Consumers Lignite Co., Alba, Texas | Wood |
| 3. Garcia, Jesse, Winfield, Texas | Titus |
| 4. Hill, S. M., & Son, Como, Texas | Hopkins |
| 5. McAlester Fuel Co., Box 229, Marshall; R. D. 1, Rockdale, Texas, McAlester, Okla. | Harrison, Milam |
| 6. Malakoff Fuel Co., McAlester, Okla. | Henderson |
| 7. Waugh Coal Co., Bastrop, Texas | Bastrop |

LIME MATERIALS

- | | |
|---|------------|
| 1. Atlas Lime Co., The, 303 North Cotton Ave., El Paso, Texas | El Paso |
| 2. Austin White Lime Co., Box 53, Austin, Texas | Travis |
| 3. Dow Magnesium Corp., Placer 243; Velasco, Texas | Brazoria |
| 4. El Paso Building Material Co., 2910 Durazno St., El Paso, Texas | El Paso |
| 5. Haden Lime Co., 1720 Delano St., Houston, Texas | Harris |
| 6. Lain, J. Lambert, Cleburne, Texas | Johnson |
| 7. Nyetex Chemicals Inc., 637 Mellic Esperson Bldg., Houston, Texas | Harris |
| 8. Round Rock White Lime Co., Round Rock, Texas | Williamson |
| 9. Southern Alkali Corp., Box 1341, Corpus Christi, Texas | Nueces |
| 10. Trinity Portland Cement Co., 1618 Republic Bk. Bldg., Dallas 1, Texas | Harris |
| 11. United States Gypsum Co., New Braunfels, Texas; 300 West Adams St., Chicago 6, Ill. | Comal |

LIMESTONE

See also pulverulent limestone.

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| 1. Atlas Lime Co., Inc., 303 North Cotton Ave., El Paso, Texas | El Paso |
| 2. Austin Contracting Co., Box 245, Denison, Texas | Grayson |

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| 3. Brunson, J. A., Stone Co., Cedar Creek, Texas | Williamson |
| 4. Courchesne, A., Inc., Box 200, El Paso, Texas | El Paso |
| 5. Dudley Stone Products Co., The, 2101 San Diego St., El Paso, Texas | El Paso |
| 6. Fox, B. U., Limestone Quarry, Lueders, Texas | Jones |
| 7. Lone Star Cement Corp., 1217 First Natl. Bk. Bldg., 1407 Main St., Dallas 1, Texas | Dallas |
| 8. McDonough Brothers, Inc., Rt. 8, Box 301, San Antonio, Texas | Bexar |
| 9. Morgan Construction Co., Wilson Bldg., Dallas, Texas | Erath |
| 10. Servtex Materials Co., New Braunfels, Texas | Comal |
| 11. Southwest Stone Co., 1603 Mercantile Bk. Bldg., Dallas, Texas | Wise |
| 12. Texas Quarries, Inc., Box 91, Austin, Texas | Travis, Williamson |
| 13. United States Gypsum Co., New Braunfels, Texas; 300 West Adams St., Chicago 6, Ill. | Comal |
| 14. Victoria Gravel Co., Burnet; Box 1037, Houston 1, Texas | Burnet |
| 15. Waco-Tex Materials Co., 507 Medical Arts Bldg., Waco, Texas | Brown |
| 16. West Texas Stone Co., Lueders, Texas | Jones |
| 17. White's Uvalde Mines, 314 Nolan St., San Antonio, Texas | Uvalde |

MAGNESITE

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| 1. Gardner & Cates, Llano, Texas | Llano |
| 2. Texas Magnesia Products Co., c/o C. E. Heinz, Box 661, Llano, Texas | Llano |

MAGNESIUM, primary

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|---|----------|
| 1. Dow Chemical Co., The, Texas Division, Freeport, Texas; Midland, Mich. | Brazoria |
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MAGNESIUM CHLORIDE

- | | |
|---|----------|
| 1. Dow Chemical Co., The, Texas Division, Freeport, Texas; Midland, Mich. | Brazoria |
|---|----------|

MARBLE

- | | |
|--|--------|
| 1. Dezendorf Marble Co., 2900 East 17th St., Box 121, Austin Texas | Travis |
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MERCURY

- | | |
|---|----------|
| 1. Esperado Mining Co., Box 1037, Houston, Texas | Brewster |
| 2. Shoemaker, B. L., Terlingua, Texas | Presidio |
| 3. Texas Mercury Co., Holland Hotel, Alpine, Texas | Brewster |
| 4. Victoria Gravel Co., Box 1037, Houston 1, Texas | Brewster |
| 5. Viviana Mining Co., R. W. Long, 18 Brattle St., Cambridge, Mass. | Brewster |

MICA

- | | |
|---|-----------|
| 1. Texas Mica & Feldspar Co., Van Horn, Texas | Culberson |
|---|-----------|

MINERAL WATER

- | | |
|--|-----------|
| 1. Glen Rose Hotel, Glen Rose, Texas | Somervell |
| 2. Milford Crystals, Inc., Milford, Texas | Falls |
| 3. Thorndale Crazy Water Co., Thorndale, Texas | Milam |

MISCELLANEOUS STONE

- | | |
|--|------------------------------------|
| 1. Austin White Lime Co., Box 53, Austin, Texas | Travis (crushed stone) |
| 2. Fenski, Albert, Realites, Texas | Duval |
| 3. Gifford-Hill & Co., Inc., 412 Mercantile Bldg., Dallas, Texas | Hudspeth (rhyolite) |
| 4. Heidenfels Brothers, Rockport, Texas | Kleberg, San Patricio |
| 5. McKinney, R. W., General Contractor, Nacogdoches, Texas | Various counties from time to time |
| 6. Morgan Construction Co., 301 Wilson Bldg., Dallas, Texas | Mills |
| 7. Scott, C. A., Huntsville, Texas | Walker |
| 8. Servtex Materials Co., New Braunfels, Texas | Comal |
| 9. Simms, A. L., Simms, Texas | Bowie |
| 10. Victoria Gravel Co., Burnet; Box 1037, Houston 1, Texas | Burnet (dolomite) |

OYSTER SHELLS

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|---|---------------------|
| 1. Bauer-Smith Dredging Co., Port Lavaca, Texas | Calhoun |
| 2. Cage Brothers, 5100 Timon Blvd., Corpus Christi, Texas | Nueces |
| 3. Haden, W. D., Beaumont, Texas | Chambers, Jefferson |
| 4. Heidenfels Brothers, Rockport, Texas | Aransas |
| 5. Jones, W. L., & Son, Box 1621, Houston, Texas | Chambers |
| 6. Kilgore, John M., Anahuac, Texas | Chambers |
| 7. Matagorda Shell Co., Palacios, Texas | Matagorda, Nueces |
| 8. Parker Brothers, 5303 Navigation Blvd., Box 96, Houston, Texas | Galveston |

9. Smith Bros. Dredging Co., Port Lavaca, Texas
10. Southern Alkali Corp., Box 1341, Corpus Christi, Texas

Calhoun
Nueces

PEAT

1. Joiner, A. W., Giddings, Texas
2. Lone Star Peat Moss Co., 530 Interurban Bldg., Dallas, Texas

Lee
Lee, Milam

PULVERULENT LIMESTONE

1. Texas Carbonate Co., Box 187, Florence, Texas

Williamson

PUMICE and PUMICITE (volcanic ash)

1. Churchwell Chemical Co., Gonzales, Texas
2. Kelley Products, 1525 19th St., Box 626, Lubbock, Texas
3. Ranger Chemical Corp., 2000 Preston Ave., Box 1765, Houston 1, Texas
4. Victoria Gravel Co., Box 1037, Houston 1, Texas

Gonzales
Dickens, Scurry
Fayette
Gonzales

RESIDUAL IRONSTONE PEBBLES

1. Gunn, A. V., Daingerfield, Texas

Morris

RICE SAND

1. Texas Construction Material Co., Box 78, Houston 1, Texas

Polk

ROCK WOOL

1. Tex-Rock Insulation Co., M. P. Thomas, Gen. Mgr., Box 13, Temple, Texas

Bell

SALT

1. Dow Chemical Co., The, Texas Division, Freeport, Texas; Midland, Mich.
2. Imperial Salt Co., Box 258, Henderson, Texas
3. Morton Salt Co., Grand Saline, Texas; 310 South Michigan Ave., Chicago 4, Ill.
4. Southern Alkali Corp., Box 1341, Corpus Christi, Texas
5. United Salt Corp., 727 Cotton Exchange Bldg., Houston, Texas
6. West Salt Co., Edinburg, Texas

Brazoria
Fort Bend
Van Zandt
Nueces
Harris
Hidalgo

SAND and GRAVEL

See also glass sand and rice sand.

1. Abney, Glen, Mission, Texas
2. Adams, Theodore, Route 1, Memphis, Texas
3. Belton Sand & Gravel Co., Box 395, Belton, Texas
4. Bevil, George, McAllen, Texas
5. Bowden Sand & Gravel Co., Glenwood Drive, El Paso, Texas
6. Boyar, John W., Hamilton, Texas
7. Broome, C. W., Memphis, Texas
8. Brownwood Sand & Gravel Co., Brownwood, Texas
9. Burnett, Hal, Imperial, Texas
10. Byars, V. G., Lakeview, Texas
11. Card, T. R., La Joya, Texas
12. Cartright Estate, c/o Steve Kardell, McMahan, Texas
13. Central Sand & Gravel Co., R. 5, Box 694, Waco, Texas
14. City Sand & Gravel Co., Dan Waggener Bldg., Fort Worth, Texas
15. Copeland, Joe W., Box 304, Marfa, Texas
16. Davis, Nolan, Seymour, Texas
17. Dolores Coal Co., Laredo, Texas
18. Dupre & Noland, Dinera, Texas
19. DuPre's Sand & Gravel Co., Victoria, Texas
20. East Texas Gravel Co., 1107 Santa Fe Bldg., Dallas, Texas
21. Eidson, James, Hamilton, Texas
22. E. L. X. Sand & Gravel Co., Box 26, Schertz, Texas
23. El Paso Sand Products Co., Box 2007, El Paso, Texas
24. Espey Silica Sand Co., Rt. 7, Box 408, San Antonio 4, Texas
25. Farrell, Mrs. H. F., 3710 Potomac Ave., Dallas, Texas
26. Flanagan Sand & Gravel Co., 3914 Pennsylvania Ave., Dallas 10, Texas
27. Foley, C. H., 101 Oak St., Wichita Falls, Texas
28. Fordyce Gravel Co., Box 1981, San Antonio, Texas
29. Fort Worth Sand & Gravel Co., Inc., 700 East 6th St., Fort Worth, Texas
30. Gifford-Hill & Co., Inc., 610 North Texas Bldg., Dallas, Texas

Hidalgo
Hall
Bell
Hidalgo
El Paso
Hamilton
Hall
Brown
Pecos
Hall
Hidalgo
Caldwell
McLennan
Tarrant
Presidio
Baylor
Webb
Live Oak
Victoria
Dallas, Kaufman
Hamilton
Guadalupe
El Paso
Atascosa
Tarrant
Dallas
Wichita
Hidalgo, San Patricio, Victoria
Tarrant
Bowie, Dallas, Falls,
Robertson

31. Gorman Sand & Gravel Co., 1122 South Waverly Drive, Dallas 11, Texas
32. Gunn, Charlie, 815 East 17th St., San Angelo, Texas
33. Hamlin Sand & Gravel Co., Inc., Vernon, Texas
34. Heldenfels Brothers, 2101 Water St., Corpus Christi, Texas
35. Hillsdale Gravel Co., Box 906, Sweetwater, Texas
36. Horton & Horton, Baker & Walnut Sts., Box 1778, Houston, Texas
37. James, C. C., 1400 31st St., Wichita Falls, Texas
38. Jackson Sand & Gravel Co., Knights Spur & N. W. Hwy., Dallas, Texas
39. Janes, R. E., Gravel Co., Inc., Box 918, Austin, Texas
40. Jefferies & Betts, 700 Layton, Box 1742, Ft. Worth, Texas
41. Jones, W. L., & Co., Box 1621, Houston, Texas
42. Jopling, C. E., Wharton, Texas
43. Key, K. C., Rt. 1, Hamilton, Texas
44. Kelly, Walter, and E. W. Tibbetts, Quitaque, Texas
45. Lagow Materials Co., Seagoville, Texas
46. Lain Gravel Co., Inc., Cleburne, Texas
47. La Joya Sand & Gravel Co., Drawer 790, McAllen, Texas
48. Layton, C. R., Sand & Gravel Co., 1310 Oak Knoll, Fort Worth, Texas
49. Lehr, Dave, Inc., 301-5 Granado St., San Antonio, Texas
50. McCasland, J. J., Haskeil, Texas
51. McKinley, C. A., & Sons, 315 Magazine St., Beaumont, Texas
52. McElreath, Mrs. R. T., Box 344, Memphis, Texas
53. Meadows, Joe, Paducah, Texas
54. Montgomery, Theo, 124 East Twohig St., San Angelo, Texas
55. Mitchell, Mrs. N. P. Seymour, Texas
56. Moudy Gravel Co., Old Dallas Road, Dallas, Texas
57. Myers, M. C., Aspermont, Texas
58. Murdoch Gravel & Sand Co., 2540 Second Ave., Dallas 10, Texas
59. Murff Bros. Gravel & Sand Co., Northwest Hwy. and Old Dallas Road,
1205 Caldwell St., Dallas 10, Texas
60. Newcastle Sand and Gravel Co., Ed. Tetmeyer, owner, Newcastle, Texas
61. Neelley, Edwin D., Box 1313, Waco, Texas
62. Northwest Materials Co., Iowa Park, Texas
63. Olney Sand & Gravel Co., Olney, Texas
64. Osborn Sand Co., Rt. 7, Box 310-E, San Antonio, Texas
65. Pederson, F. L., 807 North Polk St., Amarillo, Texas
66. Pecos Sand & Gravel Co., Box 348, Pecos, Texas
67. Patten, Will, Lockhart, Texas
68. Parker Brothers & Co., Inc., 5303 Navigation Blvd., Box 96, Houston, Texas
69. Potts-Moore Gravel Co., 1610-12 Amicable Bldg., Waco, Texas
70. Randal, C. M., Seymour, Texas
71. Raymond, Alsup, Sand & Gravel Co., 3636 Chenault, Fort Worth, Texas
72. Rector, Marvin, Lockhart, Texas
73. Reeves, F. M., & Son, Box 348, Pecos, Texas
74. Robinson Sand & Gravel Co., Montopolis Bridge, Box 603, Austin, Texas
75. Robinson, Mrs. W. A., Cameron, Texas
76. Sandlin, M. L., Nemo, Texas
77. San Antonio Silica Sand Co., Inc., 1343 West Laurel St., San Antonio, Texas
78. Schoenfield, Chas., & Sons., 324 Himstock Ave., San Antonio, Texas
79. Sheen, Sam, 403 Koberlin St., San Angelo, Texas
80. Short, W. D., Box 91, Hamilton, Texas
81. Smith, J. Fred, Gravel Co., Southwestern Life Bldg., Dallas 1, Texas
82. Southwest Construction Materials Co., 412 Texas Bk. Bldg., Dallas 2, Texas
83. Spaulding, Roger, La Joya, Texas
84. Stripling, O. F., Rt. 1, Hamilton, Texas
85. Texas Construction Materials Co., 2905 Milam St., Box 78, Houston, Texas
86. Texas Sand & Gravel Co., Inc., Box 128, La Grange; and Box 1532, Amarillo, Texas
87. Thorstenberg & Tamborella, 914 Electric Bldg., Houston, Texas
88. Turner Gravel Co., 825 Morales St., San Antonio, Texas
89. Tucker & Jones, Estelline, Texas
90. Urbana Sand & Gravel Co., Urbana, Texas
91. Vilbig Brothers, Inc., 2520 Paris St., Dallas 1, Texas
92. Vilbig, J. Lee, and E. A., Inc., 817 Bourbon St., Dallas 1, Texas
93. Vowell Material Co., Box 253, El Paso, Texas
94. Waco-Tex Materials Co., 507 Medical Arts Bldg., Waco, Texas

Dallas
 Tom Green
 Stonewall
 Nueces, Victoria
 Nolan
 Colorado, Harris
 Wichita
 Dallas
 Kerr, Travis
 Hood, Tarrant
 Harris
 Wharton
 Hamilton
 Fayette
 Dallas
 Johnson, Palo Pinto
 Hidalgo
 Tarrant
 Comal
 Haskell
 Jefferson
 Hall
 Cottle
 Tom Green
 Baylor
 Dallas
 Stonewall
 Dallas
 Dallas

 Young
 McLennan
 Wichita
 Young
 Bexar
 Potter
 Reeves
 Caldwell
 Harris, Colorado
 McLennan
 Baylor
 Tarrant
 Caldwell
 Reeves
 Travis
 Milam
 Somervell
 Bexar
 Bexar
 Tom Green
 Hamilton
 Dallas
 Dallas
 Hidalgo
 Hamilton
 Colorado, Fayette, Liberty,
 Polk
 Fayette, Potter
 Colorado, Fayette
 Bexar
 Hall
 San Jacinto
 Dallas
 Dallas
 El Paso
 Fayette, McLennan

95. Watson, O. W., Box 164, Bowie, Texas	Montague
96. Western Sand & Gravel Co., Box 168, Amarillo, Texas	Oldham
97. West Texas Sand & Gravel Co., Box 561, Big Spring, Texas	Howard
98. Wharton Gravel Co., Trinidad, Texas	Henderson
99. White, C. C., 4309 Park Lake, Dallas, Texas	Dallas
100. Whitehead & Arnold, Granbury, Texas	Hood
101. Wichita Sand & Gravel Co., 1406 Scott St., Wichita Falls, Texas	Wichita
102. Wilson, A. B., Big Sandy, Texas	Upshur
103. Zachry, H. B., Co., Box 596, San Antonio, Texas	Webb

SANDY KAOLIN

1. Trinity Portland Cement Co., 1618 Republic Bk. Bldg., Dallas 1, Texas	Freestone
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SERPENTINE

1. Dezendorf Marble Co., 2900 East 17th St., Box 121, Austin, Texas	Gillespie
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SHALE

1. Erath Supply Co., Strawn, Texas (bloated shale, "featherlite")	Erath, Palo Pinto
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SODIUM SULPHATE

1. Arizona Chemical Co., Brownfield, Texas; 30 Rockefeller Plaza, New York, N. Y.	Terry
2. Ozark Chemical Co., Box 449, Tulsa, Okla.	Ward

STRONTIUM SULPHATE

See celestite.

SULPHUR and SULPHUR ORE

1. Duval Texas Sulphur Co., 1120 Niels Esperson Bldg., Houston, Texas	Fort Bend
2. Freeport Sulphur Co., Freeport; 1412 Commerce Bldg., Houston 2, Texas; 122 East 42nd St., New York, N. Y.	Brazoria
3. Jefferson Lake Sulphur Co., Brazoria; 809 Bankers Mortgage Bldg., Houston 2, Texas; 1408 Whitney Bldg., New Orleans, La.	Brazoria, Fort Bend
4. Pecos Orla Sulphur Co., F. L. Meath, Pres., 702 Franklin Ave., Houston, Texas	Culberson
5. Texas Gulf Sulphur Co., Inc., Newgulf, Texas; 75 East 45th St., New York, N. Y.	Wharton

TALC

1. Southwestern Talco Corp., J. B. Upton, Vice-Pres., Llano, Texas	Llano
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TERRAZZO

1. Texas Marble Co., Austin, Texas	Burnet
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VERMICULITE

1. Southwestern Graphite Co., Burnet, Texas	Llano
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VOLCANIC ASH

See pumice and pumicite.