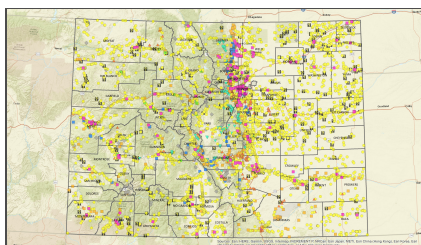


CGS_MS17_Final

Shapefile



Tags

Colorado, industrial minerals, minerals, nonmetallic, mines, historic mines, quarries, crushed rock, pegmatite, sand, gravel, borrow, dimension stone, clay, claystone, shale, gypsum, silica sand, limestone, sandstone, travertine, bentonite, dolomite, graphite, barite, fluorspar, mica, vermiculite, gem stone, sodium, sulfur, zeolites, plants, mills, Colorado Geological Survey, Schwochow

Summary

The Colorado Geological Survey originally published a statewide inventory of nonmetallic mining and processing operations in Colorado (Schwochow, 1981). In 2002, this data set was digitized in ArcGIS (Keller and others, 2002). The 2002 version was used as the base for this new ArcGIS product. During this process, the original plates were flattened, rescanned, and georeferenced. These were used to check the locations and attributes in the original files. Additionally, several attributes were added (full Reference field, notes) and several fields were removed from the 2002 version due to inaccuracies (e.g., wrong county or 1:24,000-scale quadrangle names were sometimes incorrect). The data set includes the new shapefiles and a layer file with symbology for ArcGIS. All locations are estimated.

Description

This is an electronic ArcGIS version of the original 1981 statewide inventory of nonmetallic mining and processing operations in Colorado by Schowchow (1981). The original maps were digitized in 2002 by Keller and others (2002). The data set includes the estimated location (generally accurate to the quarter section) of the following nonmetallic and processing facilities: sand, sand and gravel, borrow, crushed rock (includes the rock type in most cases), dimension/monumental stone (includes the rock type in most cases), clay, claystone, shale, pegmatite, miscellaneous industrial minerals (e.g., barite, graphite, corundum, fluorspar, grahamite, gem stone, mineral specimen, halite, mineral pigment, vermiculite, unspecified sodium minerals, sulfur, smelter slag, zeolites, etc.), plants, mills, and pits. Plants and mills include: adobe, asphalt mix, brick, tile, pipe, industrial diamond, ready-mixed concrete, concrete products, ceramic/common clay products, cement, fertilizer, glass, gypsum products, insulation materials, lime, expanded clay, and expanded perlite.

All locations are estimated. The material presented in this report is intended for general information purposes only. Those making use of or relying upon the material, results of this investigation, and any other information provided herein assume all risks and liability arising from such use or reliance. The information provided on this map is from a 1981 study and is subject to revision.

Credits

In this 2022 version, plates and data were compiled by Nate Rogers at the Colorado Geological Survey. The original was compiled by Schwochow (1981) and later digitized by Keller and others (2002). See below for full references.

Schwochow, S.D., 1981, Inventory of nonmetallic mining and processing operations in Colorado: Colorado Geological Survey Map Series 17,

Keller, J.W., Phillips, R.C., and Morgan, K., 2002, Digital inventory of industrial mineral mines and mine permit locations in Colorado: Colorado Geological Survey Information Series 62.

Use limitations

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Extent

West	-109.243872	East	-101.877688
North	41.044586	South	36.935668

Scale Range

Maximum (zoomed in)	1:500,000
Minimum (zoomed out)	1:625,000

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