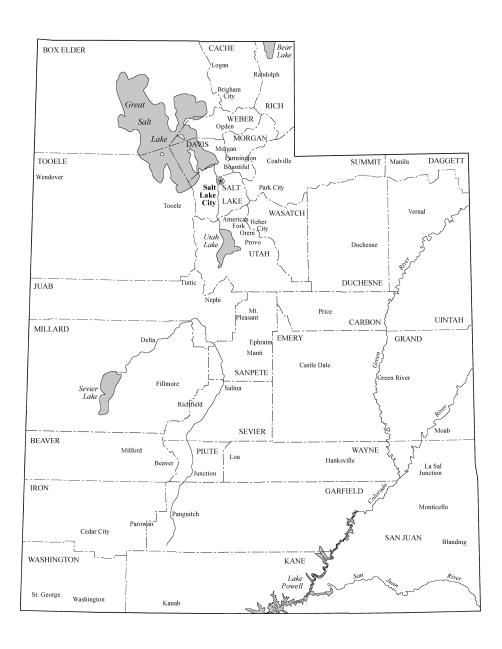


# LARGE MINE PERMITS IN UTAH

by

Roger L. Bon and Sharon Wakefield

Utah Geological Survey





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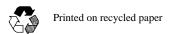
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# Map Index - operator listed alphabetically by county

SEGMENT PLAN TYPE BM=base metal S=surface E=evaporative process EM=energy mineral U=underground F=facility IM=industrial mineral M=mine PM=precious metal P=pit Q=quarry PERMIT STATUS ACT=active INA=inactive PRO=proposed REC=in reclamation

The information in this table is from the Utah Division of Oil, Gas and Mining. Large Mine permits are as those having more than five acres disturbance. Locations of Small Mine permits (less than five acredisturbance) are not included in the table or the map. Processing plants are indicated in the table only within the permit area. Some permits may show less than five acres disturbance due to reclamation of suspension. Active mines are shown in bold. Locations are relative to the Salt Lake Base Line and No noted by an \*; those are relative to the Uintah Base Line and Meridian.

STATUS	PROPERTY NAME	OPERATOR	PRODUCT	TYPE	S/U	LOCATION	ACRES	COUNTY
ACT	INDIAN QUEEN	INDIAN QUEEN MARBLE, LLC	MARBLE	Q	S	T26S R13W S33	5	BEAVER
ACT	MILFORD	TWIN MOUNTAIN ROCK CO.	AGGREGATE	Q	S	T27S R11W S11	165	BEAVER
PRO	OK COPPER	NEVADA STAR CORP.	COPPER	M,F	S	T27S R11W S7	0	BEAVER
ACT	PEARL QUEEN	PEARL QUEEN PERLITE CORP	PERLITE	M,F	S	T27S R09W S2	10	BEAVER
PRO	RUBY VIOLET	GEMSTONE MINING, INC.	RED BERYL CRYSTALS	M	S	T29S R14W S29	40	BEAVER
ACT	COTTON THOMAS	AMERICAN STONE COMPANY	BUILDING STONE	Q	S	T14N R17W S28	4	BOX ELDER
ACT	DOVE CREEK	UTAH BUILDING STONE SUPPLY COMPANY	FLAG STONE	Q	S	T13N R16W S14	14	BOX ELDER
ACT	GROUSE CREEK	UTAH BUILDING STONE SUPPLY COMPANY	FLAGSTONE	Q	S	T13N R17W S34	12	BOX ELDER
INA	LYNN SPRINGS	UTAH BUILDING STONE SUPPLY COMPANY	BUILDING STONE	Q	S	T14N R16W S20	4	BOX ELDER
ACT	MONTELLO	INTERSTATE BRICK COMPANY	CLAY (BRICK)	Р	S	T09N R17W S7	2	BOX ELDER
ACT	NORTHSHORE	NORTHSHORE LIMITED PATNERSHIP	MAGNESIUM CHLORIDE	Е	S	T11N R09W S9	23	BOX ELDER
ACT	ROSEBUD	AMERICAN STONE, INC.	FLAGSTONE	Q	S	T10N R16W S14	6	BOX ELDER
REC	CASTLE GATE	AMAX COAL COMPANY (CYPRUS)	COAL	M,F	U	T13S R09E S10	7,619	CARBON
ACT	CENTENNIAL	ANDALEX RESOURCES, INC.	COAL	M	U	T13S R11E S7	5,186	CARBON
ACT	DUGOUT	CANYON FUEL COMPANY, LLC (ARCH)	COAL	M	U	T13S R12E S23	4,080	CARBON
INA	HIAWATHA	HIAWATHA COAL COMPANY	COAL	M	U	T15S R08E S29	12,177	CARBON
ACT	HORIZON	LODESTAR, INC.	COAL	M	U	T13S R08E S17	720	CARBON
REC	HORSE CANYON	UTAHAMERICAN ENERGY, INC.	COAL	M	U	T16S R14E S3	3,320	CARBON
ACT	SKYLINE	CANYON FUEL COMPANY, LLC (ARCH)	COAL	M	U	T13S R06E S13	7,067	CARBON
INA	SOLDIER CANYON	CANYON FUEL COMPANY, LLC (ARCH)	COAL	M	U	T13S R12E S18	7,883	CARBON
ACT	STAR POINT	CYPRUS PLATEAU MINING COMPANY	COAL	M,F	U	T15S R07E S16	9,058	CARBON
REC	SUNNYSIDE	SUNNYSIDE COAL COMPANY	COAL	M	U	T14S R14E S32	14,418	CARBON
ACT	WEST RIDGE	ANDALEX RESOURCES, INC.	COAL	M	U	T14S R13E S14	2,651	CARBON
ACT	WHITE OAK #1	LODESTAR, INC.	COAL	M	U	T13S R07E S30	3,746	CARBON
ACT	WILLOW CREEK	CYPRUS PLATEAU MINING COMPANY	COAL	M,F	U	T12S R10E S31	14,562	CARBON
ACT	BEAR CANYON	CO-OP MINING COMPANY	COAL	M	U	T16S R07E S24	1,531	EMERY
ACT	COTTONWOOD	PACIFICORP, INC.	COAL	M	U	T17S R07E S30	11,508	EMERY
ACT	CRANDALL CANYON	GENWAL COAL COMPANY	COAL	M	U	T16S R07E S6	5,049	EMERY
ACT	DEER CREEK	PACIFICORP, INC.	COAL	M	U	T17S R07E S10	18,866	EMERY
ACT	DKG	DIAMOND K GYPSUM INDUSTRIES, INC.	GYPSUM	Q	S	T22S R09E S29	4	EMERY
ACT	EAGLE CANYON	GEORGIA PACIFIC CORP.	GYPSUM	Q	S	T22S R09E S19	25	EMERY
INA	EMERY DEEP	CONSOLIDATION COAL COMPANY	COAL	M	U	T22S R06E S33	5,180	EMERY
ACT	HEBE	WESTERN CLAY COMPANY	GYPSUM	Q	S	T24S R07E S14	5	EMERY
ACT	LAST CHANCE	WESTERN CLAY COMPANY	BENTONITE/ZEOLITE	Р	S	T25S R06E S8	10	EMERY
PRO	LILA CANYON	UTAHAMERICAN ENERGY, INC.	COAL	M	U	T16S R14E S15	6,462	EMERY
INA	ECDC CLAY	ECDC ENVIRONMENTAL, LC	CLAY (SEALANT)	Р	S	T16S R11E S1	18	EMERY

ACT	TRAIL MOUNTAIN	PACIFICORP, INC.	COAL	М	U	T17S R06E S25	3,539	EMERY
INA	TONY M	NUCLEAR FUEL SERVICES, INC.	URANIUM	M	U	T35S R11E S21	33	GARFIELD
ACT	CANE CREEK	MOAB SALT, INC.	POTASH, SALT	E,F	S	T26S R20E S24	1,004	GRAND
INA	ESCALANTE	HECLA MINING COMPANY	SILVER	M	U	T36S R17W S2	30	IRON
INA	IRON MOUNTAIN	GENEVA STEEL COMPANY	IRON ORE	M	S	T36S R13W S19	417	IRON
PRO	CHICKEN CREEK	H. E. DAVIS AND SONS, INC.	GYPSUM	Q	S	T14S R01E S34	32	JUAB
ACT	COUNTY CANYON	ASH GROVE CEMENT COMPANY	SHALE	Q	S	T12S R03W S25	13	JUAB
ACT	HENRY	H. E. DAVIS AND SONS, INC.	GYPSUM	Q	S	T15S R01E S19	8	JUAB
ACT	HOGS BACK	BRUSH WELLMAN, INC.	BERYLLIUM	M	S	T12S R12W S35	18	JUAB
ACT	LEAMINGTON	ASH GROVE CEMENT COMPANY	LIMESTONE,SHALE	Q,F	S	T15S R03W S4	177	JUAB
ACT	LEVAN GYPSUM	BOB STEELE	GYPSUM	Q	S	T14S R01E S33	8	JUAB
INA	NAVAJO	ASH GROVE CEMENT COMPANY	SANDSTONE	Q	S	T13S R02W S25	8	JUAB
ACT	NEPHI GYP	T. J. PECK AND SONS, INC.	GYPSUM	Q	S	T13S R01E S3	12	JUAB
ACT	NIELSON	ASH GROVE CEMENT COMPANY	SANDSTONE	Q	S	T14S R03W S11	10	JUAB
ACT	TOPAZ	BRUSH WELLMAN, INC.	BERYLLIUM	M	S	T13S R12W S9	229	JUAB
ACT	TOPAZ VALLEY	RANCHO EQUIPMENT SERVICES COMPANY	LIMESTONE	Q	S	T13S R11W S21	6	JUAB
ACT	TRAVERTINE	WESTERN MINERALS COMPANY	LIMESTONE	Q	S	T14S R03W S7	7	JUAB
ACT	CRICKET MTN	CONTINENTAL LIME, INC.	LIMESTONE	Q,F	S	T21S R10W S25	112	MILLARD
ACT	RED DOME	RED DOME, INC.	CINDERS	Р	S	T21S R06W S26	11	MILLARD
INA	SEVIER LAKE	SALADA MINERALS, LLC	SALT/BRINE	Е	S	T24S R12W S16	221	MILLARD
ACT	DEVIL'S SLIDE	HOLNAM, INC.	LIMESTONE	Q,F	S	T04N R04E S19	79	MORGAN
ACT	KOOSHAREM	INTERSTATE BRICK COMPANY	CLAY (BRICK)	Р	S	T27S R02W S2	0	PIUTE
ACT	BARNEYS CANYON	KENNECOTT BARNEYS CANYON MINING COMPA	N GOLD	M,F	S	T02S R03W S36	989	SALT LAKE
ACT	BINGHAM CANYON	KENNECOTT UTAH COPPER COMPANY	MOLYBDENUM, GOLD	M,F	S	T03S R03W S26	6,526	SALT LAKE
ACT	PARLEY'S CANYON	HARPER CONTRACTING, INC.	LIMESTONE AGGREGATE	Q	S	T01S R02E S18	17	SALT LAKE
INA	CALLIHAM	UMETCO MINERALS CORPORATION	URANIUM	M	U	T32S R26E S33	20	SAN JUAN
INA	DEREMO	UMETCO MINERALS CORPORATION	URANIUM	M	U	T33S R26E S11	6	SAN JUAN
INA	HECLA	INTERNATIONAL URANIUM CORP.	URANIUM	M	U	T29S R24E S5	29	SAN JUAN
INA	LASAL	INTERNATIONAL URANIUM CORP.	URANIUM	M	U	T28S R24E S31	42	SAN JUAN
PRO	LIME RIDGE	HOLIDAY CONST	LIMESTONE	Q	S	T41S R20E S16	5	SAN JUAN
PRO	LISBON VALLEY	SUMMO USA CORPORATION	COPPER	M,F	S	T30S R25E S22	1,030	SAN JUAN
INA	PANDORA	INTERNATIONAL URANIUM CORP.	URANIUM	M	U	T29S R24E S1	15	SAN JUAN
ACT	PAPOOSE	COTTER CORPORATION	LIMESTONE	Q	S	T29.5S R24E S36	9	SAN JUAN
INA	REDD BLOCK	INTERNATIONAL URANIUM CORP.	URANIUM	M	U	T28S R24E S33	4	SAN JUAN
INA	RIM-COLUMBUS	INTERNATIONAL URANIUM CORP.	URANIUM	M	U	T31S R25E S29	13	SAN JUAN
INA	SMALL FRY	MOLYCORP, INC.	URANIUM	M	U	T29S R24E S34	6	SAN JUAN
INA	VELVET	U. S. ENERGY CORPORATION	URANIUM	M	U	T31S R25E S3	22	SAN JUAN
INA	WILSON	UMETCO MINERALS CORPORATION	URANIUM	M	U	T32S R26E S22	28	SAN JUAN
ACT	SOUTH RCS	REDMOND CLAY AND SALT COMPANY	SALT, CLAY	M,F	U	T20S R01W S25	13	SANPETE
ACT	BENTONITE	WESTERN CLAY COMPANY	CLAY	Р	S	T21S R01W S2	9	SEVIER
ACT	GP GYPSUM	GEORGIA PACIFIC CORP.	GYPSUM	Q	S	T22S R01W S12	20	SEVIER
ACT	JUMBO-JENSEN	UNITED STATES GYPSUM COMPANY	GYPSUM	Q	S	T22S R01W S21	116	SEVIER
ACT	REDMOND	WESTERN CLAY COMPANY	LIMESTONE	Q	S	T21S R01E S5	28	SEVIER
ACT	SUFCO	CANYON FUEL COMPANY, LLC (ARCH)	COAL	M	U	T22S R04E S12	17,301	SEVIER
ACT	PEO BLONDE	AMERICAN STONE, INC.	SANDSTONE	Q	S	T01S R05E S20	12	SUMMIT
ACT	UTELITE	UTELITE CORPORATION	SHALE	Q,F	S	T01S R05E S8	30	SUMMIT

INA	ANTONE	UTAH PORTLAND QUARRIES, INC.	SHALE	Q	S	T02S R06W S18	8	TOOELE
ACT	ARAGONITE	AMERICAN STONE COMPANY	BUILDING STONE/ONYX	Q	S	T01S R10W S23	5	TOOELE
ACT	BONNEVILLE	REILLY INDUSTRIES, INC.	POTASH, SALT	E,F	S	T02S R18W S1	235	TOOELE
ACT	FIVE MILE PASS	INTERSTATE BRICK COMPANY	CLAY (BRICK)	Р	S	T07S R03W S5	46	TOOELE
ACT	GRANTSVILLE	CHEMICAL LIME OF ARIZONA, INC.	LIMESTONE	Q,F	S	T01S R07W S25	70	TOOELE
ACT	GOLD HILL CACTUS MILL	CLIFTON MINING COMPANY	GOLD/SILVER	F	S	T07S R18W S35	9	TOOELE
INA	LITTLE MTN	UTAH PORTLAND QUARRIES, INC.	LIMESTONE	Q	S	T02S R06W S20	15	TOOELE
INA	MARBLEHEAD	MARBLEHEAD LIME COMPANY	LIMESTONE	Q	S	T02N R09W S35	49	TOOELE
INA	MARBLEHEAD MTN	CHEMICAL LIME OF ARIZONA, INC.	LIMESTONE	Q,F	S	T01N R09W S2	80	TOOELE
ACT	MORTON	MORTON INTERNATIONAL, INC.	SALT	E,F	S	T01N R05W S19	15,000	TOOELE
ACT	POVERTY POINT	HOLNAM, INC.	LIMESTONE	Q	S	T01N R08W S16	7	TOOELE
INA	ROUDABUSH	UTAH REFRACTORIES, INC.	SILICA	Q	S	T04S R06W S14	6	TOOELE
ACT	ROWLEY	MAGNESIUM CORPORATION OF AMERICA	MAGNESIUM	E,F	S	T02N R08W S11	65	TOOELE
ACT	SI02-6	MCFARLAND AND HULLINGER	SILICA SAND	M	S	T01N R06W S28	5	TOOELE
ACT	TIMPIE	CARGILL SALT COMPANY	SALT	E,F	S	T01N R07W S22	40	TOOELE
INA	YELLOW HAMMER	AMERICAN CONSOLIDATED MINING COMPANY	GOLD	М	S	T08S R18W S24	12	TOOELE
ACT	AROC	CROWN ASPHALT CORP.	TAR SANDS	M,F	S	T04S R21E S31	5	UINTAH
ACT	BONANZA	AMERICAN GILSONITE COMPANY	GILSONITE	M,F	U	T09S R24E S23	103	UINTAH
ACT	CEDAR BUTTE	DUCHESNE COUNTY COMMISSION	TAR SANDS	Р	S	T02N R01E S19	8	UINTAH
ACT	UC ASPHALT	UINTAH COUNTY	TAR SANDS	Р	S	T04S R21E S30	36	UINTAH
ACT	VERNAL	SF PHOSPHATES LTD COMPANY	PHOSPHATE	M,F	S	T02S R22E S19	133	UINTAH
ACT	ZEIGLER	ZEIGLER CHEMICAL & MINERALS CORP.	GILSONITE	M,F	U	T09S R24E S16	11	UINTAH
INA	BURGIN	TINTIC UTAH METALS, LLC	GOLD, SILVER, LEAD	М	U	T10S R02W S15	74	UTAH
ACT	CHERRY HILL	EMERY INDUSTRIAL RESOURCES	LIMESTONE	Q	S	T11S R08E S36	15	UTAH
ACT	CLINTON	INTERPACE INDUSTRIES, INC.	CLAY (BRICK)	Р	S	T05S R01W S9	25	UTAH
ACT	EKINS EAST	INTERMOUNTAIN AGGREGATE CORP.	LIMESTONE	Q	S	T10S R01E S4	61	UTAH
ACT	JIM GAY	INTERSTATE BRICK COMPANY	CLAY (BRICK)	Р	S	T07S R01W S13	50	UTAH
ACT	KEIGLEY	GENEVA STEEL COMPANY	LIMESTONE, DOLOMITE	Q,F	S	T09S R01E S27	401	UTAH
ACT	LEHI	VALLEY ASPHALT CO.	LIMESTONE	Q	S	T05S R01W S16	5	UTAH
ACT	PELICAN POINT	LARSEN LIMESTONE COMPANY	LIMESTONE	Q	S	T06S R01E S31	20	UTAH
ACT	POWELL	INTERSTATE BRICK COMPANY	CLAY (BRICK)	Р	S	T06S R01W S3	74	UTAH
ACT	SMOKEY JOE	INTERSTATE BRICK COMPANY	CLAY (BRICK)	Р	S	T07S R01W S9	5	UTAH
INA	TRIXIE SHAFT	CHIEF GOLD MINES, INC.	GOLD, SILVER, COPPER	М	U	T10S R02W S28	10	UTAH
ACT	HEBER QUARRY	AMERICAN STONE, INC.	SANDSTONE	Q	S	T04S R06E S6	10	WASATCH
INA	APEX	COMINCO AMERICAN, INC.	GERMANIUM, GALLIUM	M,F	U	T43S R18W S1	9	WASHINGTON
ACT	LITTLE CREEK	DESERT SANDSCAPES	PICTURE SANDSTONE	Q	S	T43S R11W S7	25	WASHINGTON
ACT	GSL LITTLE MTN	IMC KALIUM OGDEN CORP. (GSL MINERALS)	POTASH, SALT	E,F	S	T06N R03W S6	140	WEBER