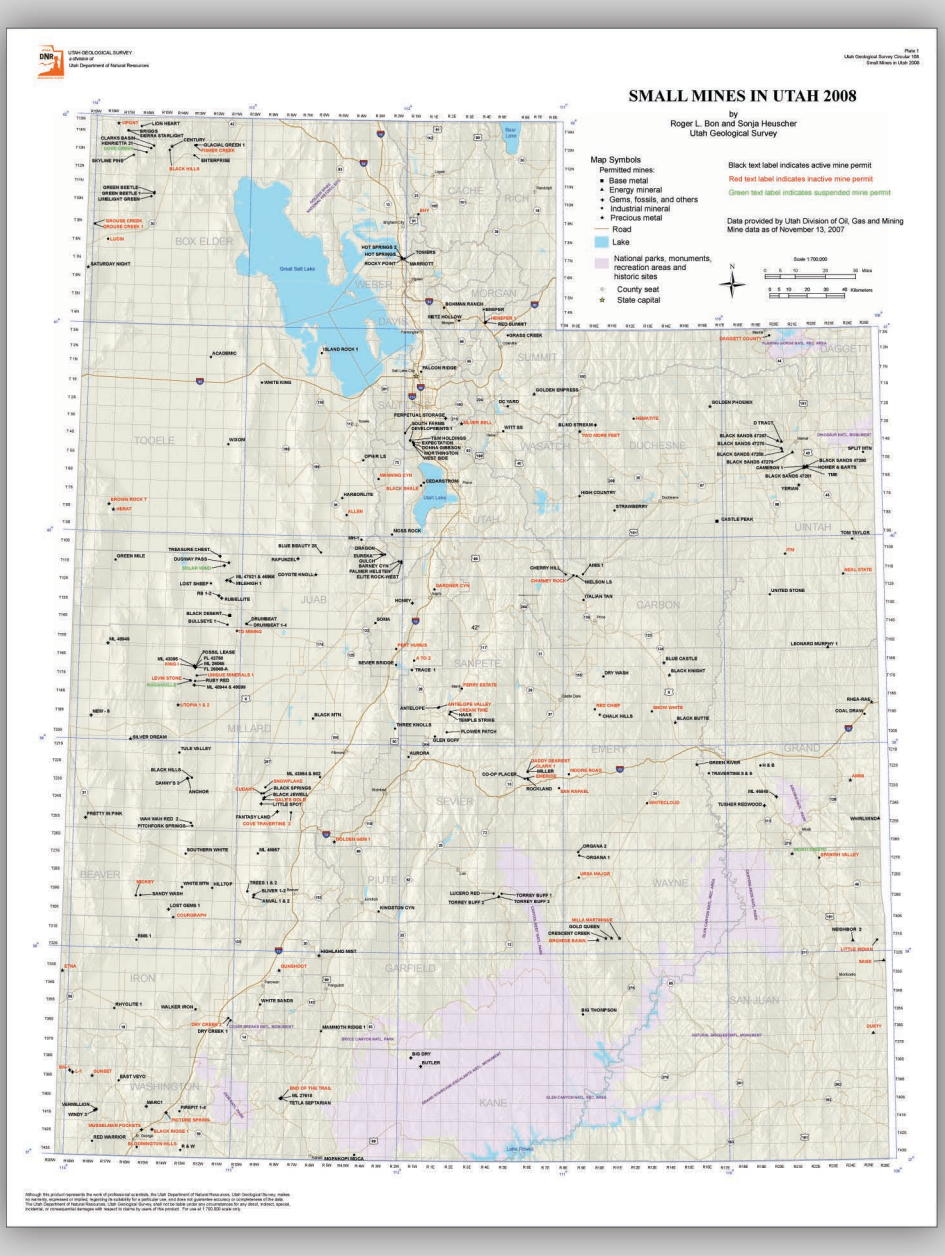
SMALL MINES IN UTAH 2008

by

Roger L. Bon and Sonja Heuscher



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SUMMARY

This report summarizes information on Small Mine permits issued by the Utah Division of Oil, Gas and Mining (DOGM) as of November 13, 2007. DOGM is the state agency responsible for the permitting and regulation of mine permits in Utah. The Utah Geological Survey (UGS) periodically compiles the permit data to make updated information available to the public; the most recent release of Small Mine permit information (now superceded by this report) was UGS Open-File Report (OFR) 405, Small Mines in Utah 2005 (Bon and Wakefield, 2006).

DOGM divides mine permits into two categories, Large and Small. Small Mine permits are for five acres or less disturbance at a time. Large Mine permits are for more than five acres disturbance at a time. The status for each mine permit is determined by DOGM. In general, active (ACT) permits are for sites that are actively being developed or mined. Inactive (INA) permits are for sites where development has been delayed or the mine is temporarily inactive. Suspended (SUS) permits are for sites that are not being developed or mined. Permits may also be suspended for nonpayment of permit fees, or for being out of compliance with the reclamation plan or bond.

We have grouped the permits into mineral industry segments based on the commodity or mineral produced. These segments include base metals (BM), energy minerals (EM), gems, fossils, and other (GFO), industrial minerals (IND), and precious metals (PM). The industrial mineral segment is by far the largest and includes rocks and minerals ranging from the well known such as building stone, limestone, clay, and gypsum to the lesser known such as fluorspar and gilsonite.

Plate 1 shows the location of each Small Mine permit and table 1 contains general information for each permit. This update includes 249 approved permits of which 179 are classified as active. This compares to 148 active permits in OFR-405. By mineral industry segment, the 179 active permits include 117 industrial-mineral; 33 gems, fossils, and other; 16 precious-metal; 11 energy-mineral; and 2 base-metal operations. The top three counties with active permits include Millard (25), Juab (20), and Box Elder (17).

The increase in oil and gas prices over the past two years has led to a surge in energy mineral development. Of the 11 permits classified as energy mineral (EM), nine are for tar sand or oil sand operations and two are for uranium/vanadium operations. By comparison, OFR-405 listed six EM permits, two for tar sand and four for uranium, only one of which was active (tar sand).

Although exploration for uranium has increased substantially over the past two years, there has been no substantial increase in the permitting and development of Small uranium/vanadium mines. However, several Large Mine permits have been issued for uranium/vanadium mines, and several Large Mines that were previously classified inactive are in the process of reopening. Information on Large Mine permits is available in UGS OFR-515, Large Mines in Utah 2008 (Bon and Wakefield, 2008).

REFERENCES

Bon, R.L., and Wakefield, S.I., 2006, Small Mines in Utah 2005: Utah Geological Survey Open-File Report 405, 6 p., 1 plate, scale ~1:700,000.

Bon, R.L., and Wakefield, S.I., 2008, Large Mines in Utah 2008: Utah Geological Survey Open-File Report 515, 4 p., 1 plate, scale ~1:700,000.

Table 1. Summary information for Small Mines in Utah 2008.

The information in this table is from the Utah Division of Oil, Gas and Mining. Small Mines are those having five acres or less of disturbance at a time. Please note that an Active Mine (ACT) in the STATUS designation does not necessarily indicate current production. Mines are listed alphabetically by county. This map and table include only those mines with an approved permit. Some mine names have been shortened or modified for convenience.

PERMIT STATUS
- ACT=active
- INA=inactive
- SUS=suspended

S/U
- S=surface
- U=underground

SEGMENT
- BM=base metal
- EM=energy mineral
- GFO=gems, fossils, and other
- IND=industrial mineral*
- PM=precious metal

*Industrial minerals include building stone, dimension stone, and decorative stone as well as all other rocks and minerals used for industrial purposes.

LOCATION
- SEC=Section
- N=North
- E=East
- W=West
- S=South

Locations are relative to the Salt Lake Base Line and Meridian unless marked with an asterisk (*). Those with an * are relative to the Uinta Base Line and Meridian.

MINE NAME	OPERATOR	PRODUCT	STATUS	S/U	SEGMENT	TOWNSHIP	RANGE	SEC	COUNTY
ANVAL 1 & 2	GALE, STEVEN	ORNAMENTAL STONE (MARBLE)	ACT	S	IND	29S	09W	29	BEAVER
COURGRAPH	TRUMAN, HOWARD TODD	BUILDING STONE	INA	S	IND	30S	14W	36	BEAVER
HILLTOP	BRADSHAW, NEIL	LANDSCAPE ROCK	ACT	S	IND	29S	12W	12	BEAVER
LOST GEMS 1	PENNEY'S GEMSTONES, LLC	AGATE	ACT	S	GFO	30S	14W	22	BEAVER
MICKEY	NELL, SANDY	CLAY	INA	S	IND	29S	16W	26	BEAVER
ML 46957	STONE ART COMPANY	OPAL	ACT	S	IND	27S	09W	16	BEAVER
SANDY WASH	NELL, SANDY	CLAY	ACT	S	IND	29S	15W	30	BEAVER
SLIVER 1-2	PENNEY'S GEMSTONES, LLC	PICASSO MARBLE	ACT	S	GFO	29S	09W	20	BEAVER
SOUTHERN WHITE	GREAT AMERICAN RESOURCES, LLC	MARBLE, LIMESTONE	ACT	S	IND	27S	13W	16	BEAVER
TREES 1 & 2	BRADSHAW, NEIL	WHITE MARBLE	ACT	S	IND	29S	10W	13	BEAVER
WHITE MTN	GREAT AMERICAN LAND & CATTLE	CLAY	ACT	S	IND	29S	13W	08	BEAVER
BLACK HILLS	PETERSEN, JAMES C.	QUARTZITE	INA	S	IND	13N	15W	23	BOX ELDER
BRIGGS	K FOUR RANCH, INC.	QUARTZITE	ACT	S	IND	14N	17W	22	BOX ELDER
CENTURY	CENTURY GOLD MINING CO.	PRECIOUS METALS	ACT	S	PM	13N	15W	13	BOX ELDER
CLARKS BASIN	INTERSTATE ROCK QUARRIES, INC.	QUARTZITE	ACT	S	IND	13N	16W	13	BOX ELDER
DOVE CREEK	SOUTHWEST STONE	QUARTZITE	SUS	S	IND	13N	16W	27	BOX ELDER
ENTERPRISE	BONNEVILLE QUARRIES, INC.	QUARTZITE	ACT	S	IND	13N	13W	31	BOX ELDER
FISHER CREEK	BONNEVILLE QUARRIES, INC.	BUILDING STONE	INA	S	IND	13N	13W	08	BOX ELDER
GLACIAL GREEN 1	A & R LEASING, LLC	BUILDING STONE	ACT	S	IND	13N	13W	08	BOX ELDER
GREEN BEETLE	PARK VALLEY QUARTZITE, LLC	QUARTZITE	ACT	S	IND	11N	15W	31	BOX ELDER
GREEN BEETLE 1	OAKLEY MOUNTAIN CORP.	QUARTZITE	ACT	S	IND	11N	16W	36	BOX ELDER
GROUSE CREEK	ASH GROVE CEMENT CO.	CLAY	INA	S	IND	09N	19W	26	BOX ELDER
GROUSE CREEK 1	STEELE, ROBERT	CLAY	INA	S	IND	09N	19W	26	BOX ELDER
HENRIETTA 21	PETERSEN, JAMES C.	QUARTZITE	ACT	S	IND	13N	16W	14	BOX ELDER
HOT SPRINGS	JACK B PARSON COMPANIES	LANDSCAPE ROCK	ACT	S	IND	07N	02W	14	BOX ELDER
HOT SPRINGS 2	STAKER & PARSON COMPANIES	LANDSCAPE ROCK, SAND, GRAVEL	ACT	S	IND	07N	02W	14	BOX ELDER
LIMELIGHT GREEN	NORTHERN STONE SUPPLY	QUARTZITE	ACT	S	IND	10N	16W	02	BOX ELDER
LION HEART	STAR STONE QUARRIES, INC.	QUARTZITE	ACT	S	IND	14N	16W	08	BOX ELDER
LUCIN	PENNEY'S GEMSTONES, LLC	VARISCITE	INA	S	IND	08N	18W	22	BOX ELDER
MARRIOTT	MARRIOTT ROCK PRODUCTS, LLC	LANDSCAPE ROCK	ACT	S	IND	07N	02W	14	BOX ELDER
ROCKY POINT	MARRIOTT ROCK PRODUCTS, LLC	LANDSCAPE ROCK, RIPRAP	ACT	S	IND	07N	02W	14	BOX ELDER
SATURDAY NIGHT	PERIHELION GLOBAL, INC.	GOLD, SILVER, PLATINUM, COPPER	ACT	S	PM	06N	19W	04	BOX ELDER
SIERRA STARLIGHT	GOLD STAR STONE, INC.	QUARTZITE	ACT	S	IND	14N	17W	21	BOX ELDER
SKYLINE PINE	WARD, ROSCOE & JOYCE	BUILDING STONE	ACT	S	IND	13N	17W	35	BOX ELDER
VIPONT	AURORA OIL & GAS CORPORATION	GOLD, SILVER, COPPER	INA	U	PM	14N	18W	01	BOX ELDER
BHY	PISGAH PROPERTIES	LIMESTONE	INA	S	IND	09N	01W	02	CACHE
ITALIAN TAN	QUALITY BUILDING STONE, INC.	SANDSTONE	ACT	S	IND	13S	09E	14	CARBON
DAGGETT COUNTY	DAGGETT COUNTY	CLAY	INA	S	IND	03N	20E	29	DAGGETT
BLIND STREAM	SHAMROCK MINING ASSOCIATES, LLC	HONEYCOMB CALCITE	ACT	S	GFO	02N*	08W*	28*	DUCHESNE

Table 1 (continued)

MINE NAME	OPERATOR	PRODUCT	STATUS	S/U	SEGMENT	TOWNSHIP	RANGE	SEC	COUNTY
CASTLE PEAK	RTM EXPLORATION & HOLDINGS, LLC	COPPER, SILVER, URANIUM	ACT	S	BM	08S	17E	32	DUCHESNE
GOLDEN PHOENIX	GOLDEN PHOENIX MINING & DEV.	PRECIOUS METALS	ACT	S	PM	03N*	02W*	26*	DUCHESNE
HEMATITE	UINTAH MOUNTAIN COPPER CO.	HEMATITE	INA	S	IND	02N*	06W*	15*	DUCHESNE
STRAWBERRY	ROCK & STONE, LLC	BUILDING STONE	ACT	S	IND	04S*	07W*	16*	DUCHESNE
TWO MORE FEET	HIGLEY, SCOTT	PRECIOUS METALS	INA	U	PM	01N*	09W*	03*	DUCHESNE
BLACK BUTTE	GOLDTERRA, INC.	GOLD	ACT	S	PM	20S	14E	02	EMERY
BLACK KNIGHT	GOLDTERRA, INC.	GOLD	ACT	S	PM	17S	14E	16	EMERY
BLUE CASTLE	GOLDTERRA, INC.	GOLD	ACT	S	PM	16S	14E	29	EMERY
CHALK HILLS	DIAMOND K GYPSUM, INC.	GYPSUM ROCK	ACT	S	IND	19S	10E	23	EMERY
CLARK 1	CLARK, ROBERT L.	HUMIC SHALE	INA	U	IND	22S	06E	26	EMERY
CO-OP PLACER	BILL STODDARD ET AL	HUMIC SHALE	ACT	S	IND	23S	06E	03	EMERY
DADDY DEAREST	THOMAS J. CLARK AND COMPANY	HUMIC SHALE	INA	U	IND	22S	06E	26	EMERY
DRY WASH	MIRACLE ROCK MINING & RESEARCH	HUMIC SHALE	ACT	S	IND	17S	10E	24	EMERY
EMERIDE	CLARK, ROBERT L.	HUMIC SHALE	INA	U	IND	23S	06E	02	EMERY
MILLER	HUB RESEARCH & DEVELOPMENT CO.	HUMIC SHALE	ACT	U	IND	22S	06E	26	EMERY
MOORE ROAD	UNITED STATES GYPSUM COMPANY	GYPSUM	INA	S	IND	22S	08E	36	EMERY
RED CHIEF	QUALITY BUILDING STONE, INC.	BUILDING STONE	INA	S	IND	19S	10E	16	EMERY
ROCKLAND	TRC MINERALS, INC.	HUMIC SHALE	ACT	U	IND	23S	06E	02	EMERY
SAN RAFAEL	UNITED STATES GYPSUM COMPANY	GYPSUM	INA	S	IND	23S	08E	22	EMERY
SNOW WHITE	QUALITY BUILDING STONE, INC.	BUILDING STONE	INA	S	IND	19S	13E	15	EMERY
WHITECLOUD	SUTHERLAND BROTHERS, INC.	GYPSUM	INA	S	IND	24S	13E	15	EMERY
BIG THOMPSON	BROWN BROTHERS CONSTRUCTION CO.	CLAY	ACT	S	IND	36S	09E	02	GARFIELD
BROMIDE BASIN	UNICO, INC.	GOLD	INA	S	PM	31S	10E	34	GARFIELD
CRESCENT CREEK	MARTINIQUE MINING	PRECIOUS METALS	ACT	S	PM	31S	11E	30/31	GARFIELD
GOLD QUEEN	MARTINIQUE MINING	GOLD	ACT	S	PM	31S	11E	28	GARFIELD
MAMMOTH RIDGE 1	BURNINGHAM ENTERPRISES	TRAVERTINE	ACT	S	IND	37S	05W	06	GARFIELD
MILLA MARTINIQUE	MARTINIQUE MINING COMPANY	PRECIOUS METALS	INA	S	PM	31S	11E	25	GARFIELD
AMMI	ABSOLUTE MINING & MINERALS, INC.	TAILINGS	INA	S	PM	23S	24E	11	GRAND
COAL DRAW	ACCURATE CONSTRUCTION & EXCAVATING	LANDSCAPE ROCK, RIPRAP	ACT	S	IND	19S	25E	22	GRAND
GREEN RIVER	GREEN RIVER PROJECT, LLC	GOLD	ACT	S	PM	22S	16E	08	GRAND
H & B	H & B MINING, INC.	HUMIC SHALE	ACT	S	IND	22S	19E	14	GRAND
LEONARD MURPHY 1	EARTH ENERGY RESOURCES, INC.	TAR SAND	ACT	S	EM	15.5S	24E	32	GRAND
ML 45848	HILL, JAMES W.	GEMSTONES	ACT	S	GFO	24S	20E	03	GRAND
RHEA-RAE	BLACK GOLD ORGANIC FERTILIZER	HUMIC SHALE, GOLD, PLATINUM GROUP METALS	ACT	S	PM	18S	25E	36	GRAND
TRAVERTINE 8 & 9	SHUMWAY, DELOY	TRAVERTINE MARBLE	ACT	S	IND	22S	16E	25	GRAND
TUSHER REDWOOD	WALKER, LARRY	CARNELIAN AGATE	ACT	S	GFO	24S	19E	24	GRAND
WHIRLWIND	ENERGY FUELS RESOURCES CORP.	URANIUM/VANADIUM	ACT	U	EM	25S	26E	9	GRAND
DRY CREEK 1	PROGRESSIVE CONTRACTING, INC.	GYPSUM	ACT	S	IND	36S	10W	18	IRON
DRY CREEK 2	ALL GYPSUM CORP.	GYPSUM	INA	S	IND	36S	10W	18	IRON
ETNA	JG RESOURCES, LLC	PRECIOUS METALS	INA	U	PM	33S	20W	36	IRON
GUNSHOOT	ROBINSON, DALE	PRECIOUS METALS	INA	S	PM	33S	08W	26	IRON
HIGHLAND MIST	ANASAZI GOLD RESERVES	PRECIOUS METALS	ACT	S	PM	32S	06W	36	IRON
RHYOLITE 1	COLOR COUNTRY ROCK, LLC	RHYOLITE	ACT	S	IND	35S	17W	35	IRON
RMS 1	TERRA RESOURCES, LLC	RHYOLITE (AQUAR)	ACT	S	IND	32S	16W	12	IRON
WALKER IRON	FIDDLERS CANYON DEVELOPMENT, LTD	LANDSCAPE ROCK	ACT	S	IND	35S	12W	32	IRON
WHITE SANDS	SILICA SAND COMPANY, INC.	SILICA	ACT	S	IND	35S	09W	23	IRON
A TO Z	GOLD CANYON MINING & DEVELOPMENT	VOLCANIC TUFF	INA	S	IND	16S	01W	21	JUAB
BLACK DESERT	BLACK DESERT MINING, LLC	IRON ORE	ACT	S	BM	14S	11W	15	JUAB
BULLSEYE 1	LISTER, EDWIN P.	DECORATIVE STONE (RHYOLITE)	ACT	S	IND	14S	11W	33	JUAB
COYOTE KNOLL	MCFARLAND & HULLINGER, INC.	SILICA, SILVER, GOLD	ACT	S	PM	12S	06W	05	JUAB
DRAGON	ATLAS MINING COMPANY	CLAY (HALLOYSITE)	ACT	S	IND	10S	02W	31	JUAB
DRUMBEAT	MAYER, DONALD R.	FLAGSTONE	ACT	S	IND	14S	10W	27	JUAB
DRUMBEAT 1-4	WAH WAH SLATE AND FLAGSTONE	FLAGSTONE	ACT	S	IND	14S	10W	28	JUAB
DUGWAY PASS	DAVIES, WINGLE & DAVIES INC.	GOLD	ACT	S	PM	11S	11W	16	JUAB
EUREKA	EUREKA ROCK, LLC	LANDSCAPE ROCK	ACT	S	IND	10S	03W	36	JUAB
GARDNER CANYON	STEELE, ROBERT	GYPSUM	INA	S	IND	12S	01E	22	JUAB
GREEN MILE	SABEY, AMY	LANDSCAPE ROCK	ACT	S	IND	11S	17W	17	JUAB
GULCH	WILHITE & ASSOCIATES, INC.	LANDSCAPE ROCK	ACT	S	IND	10S	03W	36	JUAB
HONEY	A & R LEASING, LLC	TRAVERTINE	ACT	S	GFO	13S	01W	16	JUAB
LOST SHEEP	PROVSTGAARD, MICHAEL S.	FLUORSPAR	ACT	U	IND	12S	12W	21	JUAB
MILEHIGH 1	CHIRNSIDE, WILLIAM	PINK TOPAZ	ACT	S	GFO	12S	11W	15	JUAB
ML 47821& 46956	MIKE & SANDRA SPRUNGER	TOPAZ	ACT	S	GFO	12S	11W	16	JUAB
PEAT HUMUS	JENSEN, BONNIE BIRCH	PEAT	INA	S	IND	15S	02W	35	JUAB

Table 1 (continued)

MINE NAME	OPERATOR	PRODUCT	STATUS	S/U	SEGMENT	TOWNSHIP	RANGE	SEC	COUNTY
RAPUNZEL	EARTH'S PARTNERS	GEMSTONES	ACT	S	GFO	11S	07W	05	JUAB
RB 1- 2	UTAH MINERALS AND FOSSIL, INC.	GEMSTONES	ACT	S	GFO	13S	12W	12	JUAB
RUBELLITE	ADAMS, DAVE	RED BERYL	ACT	S	GFO	13S	11W	18	JUAB
SEVIER BRIDGE	CONSOLIDATED SEVIER BRIDGE RES.	LANDSCAPE ROCK	ACT	S	IND	16S	02W	35	JUAB
SOLAR WIND	UTAH MINERALS AND FOSSIL, INC.	TOPAZ	SUS	S	GFO	11S	11W	20	JUAB
SOMA	NEPHI SANDSTONE CORP.	LIMESTONE	ACT	S	IND	14S	03W	22	JUAB
TREASURE CHEST	THE BUG HOUSE	GEODES	ACT	S	GFO	11S	12W	01	JUAB
BIG DRY	ALPINE GEMS & MINERALS	PINK ALABASTER	ACT	S	GFO	38S	01W	17	KANE
BUTLER	ALPINE GEMS & MINERALS	ALABASTER	ACT	S	GFO	38S	01W	35	KANE
END OF THE TRAIL	HARRIS, REX OR GARY	SEPTARIAN NODULES	INA	S	GFO	40S	08W	25	KANE
ML 27618	THE BUG HOUSE	SEPTARIAN NODULES	ACT	S	GFO	40S	08W	36	KANE
MOENKOPI MOCA	BRUCE H. HANSEN STONE QUARRIES	SANDSTONE, BUILDING STONE	ACT	S	IND	43S	04W	32	KANE
TETLA SEPTARIAN	ROBERT L HARRIS OR IRIS HARRIS	SEPTARIAN NODULES	ACT	S	GFO	40S	08W	36	KANE
ANCHOR	CASCO GROUP, INC.	MARBLE	ACT	S	GFO	23S	13W	09	MILLARD
BLACK HILLS	A & R LEASING, LLC	LIMESTONE, DOLOMITE (ZEBRA ROCK)	ACT	S	IND	23S	13W	11	MILLARD
BLACK JEWELL	A & R LEASING, LLC	OBSIDIAN	ACT	S	GFO	24S	09W	11	MILLARD
BLACK MTN	AGGREGATE PRODUCTS & MINERALS	VOLCANIC AGGREGATE	ACT	S	IND	19S	06W	32	MILLARD
BLACK SPRINGS	WORLD MINERALS, INC.	PERLITE	ACT	S	IND	24S	09W	02	MILLARD
COVE TRAVERTINE 2	STEELE, ROBERT	TRAVERTINE	INA	S	IND	25S	07W	05	MILLARD
CUDAHY	UTAH PUMICE & PERLITE, INC.	PUMICE, PERLITE	INA	S	IND	24S	09W	03	MILLARD
DANNY'S 3	LAND, DANIEL T & GEHRE, VIRGINIA	MARBLE	ACT	S	IND	23S	13W	09	MILLARD
FANTASY LAND	PENNEY'S GEMSTONES, LLC	QUARTZ (JASPER)	ACT	S	GFO	25S	08W	04	MILLARD
FL 26068-A	THE BUG HOUSE	FOSSILS	ACT	S	GFO	17S	13W	02	MILLARD
FL 42750	DRACHUK, ROBERT D.	FOSSILS	ACT	S	GFO	17S	13W	02	MILLARD
FOSSIL LEASE	HOLMAN, CLAY	TRILOBITES	ACT	S	GFO	17S	13W	02	MILLARD
GALE'S GOLD	KSC ROCKS	PUMICE	INA	S	IND	24S	09W	14	MILLARD
KING I	PUGH, J. CONRAD	TRILOBITES	INA	S	GFO	17S	13W	02	MILLARD
LEVIN STONE	LEVIN STONE CO.	BUILDING STONE	INA	S	IND	17S	13W	27/34	MILLARD
LITTLE SPOT	PENNEY'S GEMSTONES, LLC	OBSIDIAN	ACT	S	GFO	24S	09W	22	MILLARD
ML 26068	WEST DESERT COLLECTOR	FOSSILS (TRILOBITES)	ACT	S	GFO	17S	13W	02	MILLARD
ML 43395	HARRIS, REX OR GARY	FOSSILS	ACT	S	GFO	17S	13W	02	MILLARD
ML 43854 & 982	ROBISON, ROBERT M.	LIMESTONE	ACT	S	IND	23S	06W	02	MILLARD
ML 48944 & 49599	DRACHUK, ROBERT D.	FOSSILS (CAMBRIAN)	ACT	S	GFO	18S	13W	02	MILLARD
ML 48945	DRACHUK, ROBERT D.	FOSSILS	ACT	S	GFO	15S	18W	36	MILLARD
NEW - 6	NEWMAN, ALAN	CALCITE (ONYX)	ACT	S	GFO	19S	18W	31	MILLARD
PITCHFORK SPRINGS	ROGERS, DALE D.	BUILDING STONE (LIMESTONE)	ACT	S	IND	25S	13W	35	MILLARD
PRETTY IN PINK	PENNEY'S GEMSTONES, LLC	LIMESTONE	ACT	S	GFO	25S	19W	24	MILLARD
ROCANVILLE	ROCANVILLE CORPORATION	BUILDING STONE	SUS	S	IND	17S	13W	34	MILLARD
RUBY RED	RUBY RED MINING CO., LLC	CLAY (CATLINITE)	ACT	S	IND	17S	13W	35	MILLARD
SILVER DREAM	STEELE, ROBERT	PRECIOUS METALS	ACT	S	PM	21S	16W	08	MILLARD
SNOWFLAKE	HARBORLITE CORP./WORLD MINERALS	PERLITE	INA	S	IND	23S	09W	26	MILLARD
TD MINING	DELTA MINERALS	LIMESTONE (CRUSHED)	INA	S	IND	15S	11W	12	MILLARD
THREE KNOLLS	WESTERN CLAY COMPANY	LIMESTONE	ACT	S	IND	20S	02W	14	MILLARD
TULE VALLEY	BROKEN ARROW, INC.	SILICA	ACT	S	IND	21S	14W	36	MILLARD
UNIQUE MINERALS 1	UNIQUE MINERALS, INC.	SLATE	INA	S	IND	17S	13W	24	MILLARD
UTOPIA 1 & 2	NIELSON, MARION K.	PRECIOUS METALS	INA	S	PM	19S	14W	12	MILLARD
WAH WAH RED 2	MAYER, DON	BUILDING STONE	ACT	S	IND	25S	13W	26	MILLARD
BOHMAN RANCH	BOHMAN ROCK CO., LLC	LANDSCAPE ROCK	ACT	S	IND	04N	02E	06/07	MORGAN
METZ HOLLOW	WILKINSON CONSTRUCTION CO., INC.	LIMESTONE	ACT	S	IND	04N	03E	31	MORGAN
KINGSTON CYN	UTAH DIVISION OF WILDLIFE RES.	RHYOLITE	ACT	S	IND	30S	02.5W	16	PIUTE
DEVELOPMENTS 1	DECORATIVE DEVELOPMENTS	LANDSCAPE ROCK	ACT	S	IND	04S	01W	16	SALT LAKE
DONNA GIBSON	JP & R EXCAVATING, INC.	LANDSCAPE ROCK	ACT	S	IND	04S	01W	22	SALT LAKE
EXPECTATION	MILLER, MARK	LANDSCAPE ROCK	ACT	S	IND	04S	01W	22	SALT LAKE
FALCON RIDGE	STAKER & PARSON COMPANIES	LIMESTONE	ACT	S	IND	01N	01W	25	SALT LAKE
PERPETUAL STORAGE	PERPETUAL STORAGE, INC.	UNDERGROUND STORAGE VAULT	ACT	U	GFO	03S	02E	08	SALT LAKE
SOUTH FARMS	R A JOHNSON EXCAVATING, INC.	LANDSCAPE ROCK	ACT	S	IND	04S	01W	06	SALT LAKE
T & M HOLDINGS	DECORATIVE ENTERPRISES, INC.	LANDSCAPE ROCK	ACT	S	IND	04S	01W	21	SALT LAKE
WEST SIDE	DJN ROCKWALLS	LANDSCAPE ROCK	ACT	S	IND	04S	01W	27	SALT LAKE
WORTHINGTON	WORTHINGTON LANDSCAPE	LANDSCAPE ROCK	ACT	S	IND	04S	01W	22	SALT LAKE
DUSTY	RANDOLPH MINING	URANIUM, VANADIUM	INA	S	EM	36S	25E	36	SAN JUAN
LITTLE INDIAN	H&H STONE	FLAGSTONE	INA	S	IND	31S	26E	32	SAN JUAN
MONTE CRISTO	LAMMERT, TOM	PRECIOUS METALS	SUS	S	PM	27S	21E	10	SAN JUAN
NEIGHBOR 2	KIMMERLE MINING, LLC	URANIUM, VANADIUM	ACT	U	EM	31S	24E	25	SAN JUAN
SAGE	PLATEAU RESOURCES LIMITED, INC.	URANIUM	INA	U	EM	32S	26E	34	SAN JUAN

Table 1 (continued)

MINE NAME	OPERATOR	PRODUCT	STATUS	S/U	SEGMENT	TOWNSHIP	RANGE	SEC	COUNTY
SPANISH VALLEY	GRAND COUNTY WATER CONSERVANCY DST.	CLAY	INA	S	IND	27S	23E	18	SAN JUAN
ANTELOPE	BOWN STONE PRODUCTS, INC.	LIMESTONE	ACT	S	IND	19S	01E	02	SANPETE
ANTELOPE VALLEY	ZAMARONI QUARRY, INC.	LIMESTONE	INA	S	IND	19S	01E	02	SANPETE
CREAM TIME	YOUNG, JON	BUILDING STONE	INA	S	IND	19S	02E	16	SANPETE
FLOWER PATCH	BOWN STONE PRODUCTS, INC.	LIMESTONE, BUILDING STONE	ACT	S	IND	20S	02E	17	SANPETE
GLEN GOFF	KSC ROCKS	LIMESTONE, FLAGSTONE	ACT	S	IND	20S	01E	27	SANPETE
HAAS	HAAS, BRYCE	LIMESTONE	ACT	S	IND	19S	02E	16	SANPETE
PERRY ESTATE	STATE STONE CORP.	LIMESTONE (OOLITES)	INA	S	IND	18S	03E	06	SANPETE
TEMPLE STRIKE	DAY, WILLIAM E.	LIMESTONE	ACT	S	IND	19S	02E	21	SANPETE
TRACE 1	PEAK MINERALS - AZOMITE, INC.	VOLCANIC ROCK (AZOMITE)	ACT	S	IND	17S	01W	04	SANPETE
AURORA	WESTERN CLAY COMPANY	CLAY	ACT	S	IND	21S	01W	31	SEVIER
GOLDEN GEM 1	JUMBO GOLD MINES	PRECIOUS METALS	INA	U	PM	26S	05W	24	SEVIER
DC YARD	DC TRANSPORT & EXCAVATING, INC.	LANDSCAPE ROCK	ACT	S	IND	02S	05E	23	SUMMIT
GOLDEN EMPRESS	BALAICH, JUNE	PRECIOUS METALS	ACT	S	PM	01S	07E	32	SUMMIT
GRASS CREEK	UTELITE CORPORATION	SHALE	ACT	S	IND	03N	05 W	23	SUMMIT
HENEFER	INTERSTATE BRICK COMPANY	CLAY	ACT	S	IND	04N	04E	33	SUMMIT
HENEFER 1	INTERSTATE BRICK COMPANY	CLAY	INA	S	IND	04N	04E	33	SUMMIT
RED SUMMIT	PABCO BUILDING PRODUCTS, LLC	CLAY	ACT	S	IND	04N	04E	33	SUMMIT
ACADEMIC	MILLER, R.E.	GYPSUM, SILICA	ACT	S	IND	01N	12W	05	TOOELE
ALLEN	A & R LEASING, LLC	SANDSTONE,LIMESTONE, RHYOLITE	INA	S	IND	08S	05W	24	TOOELE
BLUE BEAUTY 28	THOMAS, MARJORIE	LIMESTONE	ACT	S	IND	10S	06W	27	TOOELE
BROWN ROCK 7	WELLMAN MINERALS CORPORATION	PRECIOUS METALS	INA	S	PM	08S	18W	14	TOOELE
HARBORLITE	MCFARLAND & HULLINGER	PERLITE	ACT	S	IND	07S	05W	27	TOOELE
HERAT	CLIFTON MINING CO.	PRECIOUS METALS	INA	S	PM	08S	18W	25	TOOELE
ISLAND ROCK 1	BLEAZARD, JOHN	LANDSCAPE ROCK	ACT	S	IND	02N	06W	16/28/29	TOOELE
MH-1	MCFARLAND & HULLINGER	CALCITE	ACT	S	IND	09S	04W	35	TOOELE
OPHIR LS	BROKEN ARROW, INC.	LIMESTONE	ACT	S	IND	05S	04W	23	TOOELE
WHITE KING	3MRC, INC.	ARAGONITE, DOLOMITE	ACT	S	IND	01S	09W	18	TOOELE
WIXOM	WIXOM, DAN	SAND, MAGNETICS	ACT	S	IND	04S	11W	32	TOOELE
BLACK SANDS 47278	BLACK SANDS HOLDING CO.	TAR SAND	ACT	S	EM	04S	20E	36	UINTAH
BLACK SANDS 47279	BLACK SANDS HOLDING CO.	TAR SAND	ACT	S	EM	05S	21E	04	UINTAH
BLACK SANDS 47280	BLACK SANDS HOLDING CO.	TAR SAND	ACT	S	EM	05S	22E	32	UINTAH
BLACK SANDS 47281	BLACK SANDS HOLDING CO.	TAR SAND	ACT	S	EM	06S	22E	06	UINTAH
BLACK SANDS 47287	BLACK SANDS HOLDING CO.	TAR SAND	ACT	S	EM	04S	20E	14	UINTAH
BLACK SANDS 47288	BLACK SANDS HOLDING CO.	TAR SAND	ACT	S	EM	05S	20E	01	UINTAH
CAMERON 1	TME ASPHALT RIDGE, LLC	TAR SAND	ACT	S	IND	05S	22E	31	UINTAH
D TRACT	WEMBCO, INC.	TAR SAND (ASPHALT)	ACT	S	EM	04S	20E	24	UINTAH
HOMER & BARTS	SIMPSON, RALPH J.	LANDSCAPE ROCK	ACT	S	IND	05S	22E	32	UINTAH
ITM	LEXCO, INC.	GILSONITE	INA	U	IND	10S	20E	25	UINTAH
NEAL STATE	ZIEGLER CHEMICAL & MINERALS	GILSONITE	INA	U	IND	11S	24E	32	UINTAH
SPLIT MTN	CHEW, ALAN H.	FLAGSTONE	ACT	S	IND	05S	25E	09	UINTAH
TME	TME ASPHALT RIDGE, LLC	TAR SAND	ACT	S	EM	05S	22E	31	UINTAH
TOM TAYLOR	ZIEGLER CHEMICAL & MINERALS	GILSONITE	ACT	U	IND	10S	24E	03	UINTAH
UNITED STONE	UNITED STONE & DESIGN	BUILDING STONE	ACT	S	IND	13S	20E	06	UINTAH
YERIAN	NEFFCO MINING AND MANUFACTURING	GOLD	ACT	S	PM	07S	21E	02	UINTAH
AMIS 1	QUALITY BUILDING STONE, INC.	SANDSTONE	ACT	S	IND	11S	09E	35	UTAH
BARNEY CYN	JAMES B MASCARO AND SONS, LLC	LANDSCAPE ROCK	ACT	S	IND	11S	02W	02	UTAH
BLACK SHALE	INTERSTATE BRICK COMPANY	OIL SHALE, CLAY	INA	S	IND	06S	01W	36	UTAH
CEDARSTROM	CEDARSTROM CALCITE	LIMESTONE	ACT	U	IND	06S	01E	30	UTAH
CHERRY HILL	NELCO CONTRACTORS, INC.	LIMESTONE	ACT	S	IND	11S	08E	36	UTAH
CHIMNEY ROCK	CHIMNEY ROCK CORPORATION	LIMESTONE	INA	S	IND	11S	09E	33	UTAH
ELITE ROCK-WEST	WASATCH MTN EXCAVATING, INC.	LANDSCAPE ROCK	ACT	S	IND	11S	02W	12	UTAH
MANNING CYN	INTERSTATE BRICK COMPANY	CLAY	INA	S	IND	06S	03W	22	UTAH
MOSS ROCK	MOSS ROCK PRODUCTS, LLC	LANDSCAPE ROCK	ACT	S	IND	09S	02W	27/28	UTAH
NIELSON LS	NIELSON CONSTRUCTION	LIMESTONE	ACT	S	IND	11S	09E	32	UTAH
PALMER HELSTEN	INTEGRITY REMODELING & CONST.	ROCK	ACT	S	IND	11S	02W	01	UTAH
SILVER BELL	SILVER BELL MINING CO., INC.	PRECIOUS METALS, BASE METALS	INA	U	PM	03S	03E	20	UTAH
HIGH COUNTRY	HIGH COUNTRY ROCK COMPANY, LLC	LANDSCAPE ROCK	ACT	S	IND	03S*	09W*	21*	WASATCH
WITT SS	WITT EXCAVATING	LANDSCAPE ROCK	ACT	S	IND	03S	05E	33	WASATCH
BLACK RIDGE 1	THIRSTYSTONE RESOURCES, INC.	PICTURE STONE	INA	S	GFO	42S	14W	18	WASHINGTON
BLOOMINGTON HILLS	STANDARD GYPSUM PRODUCTS, INC.	GYPSUM	INA	S	IND	43S	15W	17	WASHINGTON
EAST VEYO	SUNROC CORP.	VOLCANIC CINDERS	ACT	S	IND	39S	16W	30	WASHINGTON
FIREPIT 1-4	WESTERN HILLS	SANDSTONE	ACT	S	IND	41S	13W	15	WASHINGTON
L-1	COLOR COUNTRY ROCK, LLC	SANDSTONE (PICTURE STONE)	INA	S	GFO	39S	19W	15	WASHINGTON

Table 1 (continued)

MINE NAME	OPERATOR	PRODUCT	STATUS	S/U	SEGMENT	TOWNSHIP	RANGE	SEC	COUNTY
MARC 1	ALPINE GEMS & MINERALS	ALABASTER	ACT	S	GFO	41S	15W	11	WASHINGTON
MUSSELMAN POCKETS	GARDNER, KIMBALL	UNDERGROUND STORAGE	INA	U	GFO	42S	15W	16	WASHINGTON
PICTURE SPRING	THIRSTYSTONE RESOURCES, INC.	SANDSTONE (PICTURE STONE)	INA	S	GFO	41S	14W	23	WASHINGTON
R & W	R & W EXCAVATING, INC.	SANDSTONE	ACT	S	IND	43S	13W	22	WASHINGTON
RED WARRIOR	RED WARRIOR ROCK, INC.	LIMESTONE	ACT	S	IND	43S	18W	02	WASHINGTON
SUNSET	DELONG, STEPHEN W.	GOLD, ROAD BUILDING	INA	U	PM	39S	18W	23	WASHINGTON
SW-1	COLOR COUNTRY ROCK, LLC	SANDSTONE (PICTURE STONE)	INA	S	GFO	39S	19W	09	WASHINGTON
VERMILLION	COLOR COUNTRY ROCK, LLC	SANDSTONE (PICTURE STONE)	ACT	S	GFO	41S	18W	13	WASHINGTON
WINDY 3	COLOR COUNTRY ROCK, LLC	SANDSTONE (PICTURE STONE)	ACT	S	GFO	41S	18W	13	WASHINGTON
LUCERO RED	QUALITY BUILDING STONE, INC.	SANDSTONE	ACT	S	IND	29S	04E	13	WAYNE
ORGANA 2	ORGANA MINERALS PRODUCTS, INC.	HUMIC SHALE	ACT	S	IND	27S	09E	02	WAYNE
ORGANA 1	ORGANA MINERALS PRODUCTS, INC.	HUMIC SHALE	ACT	S	IND	27S	09E	11	WAYNE
TORREY BUFF 1	YOUNG, JON	SANDSTONE	ACT	S	IND	29S	05E	16	WAYNE
TORREY BUFF 2	QUALITY BUILDING STONE, INC.	SANDSTONE	ACT	S	IND	29S	05E	20	WAYNE
TORREY BUFF 3	STATE STONE CORP.	SANDSTONE	ACT	S	IND	29S	05E	20	WAYNE
URSA MAJOR	LAND OF HEALTH, LC	HUMIC SHALE	INA	S	IND	28S	09E	23	WAYNE
TOWERS	C E BUTTERS REALTY & CONSTRUCTION	LANDSCAPE ROCK	ACT	S	IND	07N	02W	13	WEBER

UTAH GEOLOGICAL SURVEY
a division of
Utah Department of Natural Resources

Plate 1
Utah Geological Survey Circular 108
Small Mines in Utah 2008

SMALL MINES IN UTAH 2008

by
Roger L. Bon and Sonja Heuscher
Utah Geological Survey

Map Symbols

Permitted mines:
- ■ Base metal
- ▲ Energy mineral
- ✚ Gems, fossils, and others
- • Industrial mineral
- ★ Precious metal

Road

Lake or reservoir

National parks, monuments, recreation areas and historic sites

County seat

State capital

Black text label indicates active mine permit

Red text label indicates inactive mine permit

Green text label indicates suspended mine permit

Data provided by Utah Division of Oil, Gas and Mining
Mine data as of November 13, 2007

Scale 1:700,000

0 5 10 20 30 Miles

0 5 10 20 30 40 Kilometers

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