Mapping Bibliography

Search Keyed to 1X2° Cedar City Tuesday, December 31, 2002

Ref#

802 Anderson, J.J., 1965, Geology of northern Markagunt Plateau, Utah, Austin, University of Texas Ph.D. dissertation 194 p.. Scale: 63360
Latitude: N: 380500 S: 375230 Longitude: W 1124500 E: 1122100

1399 Anderson, J.J., 1971, Geology of the southwestern high plateaus of Utah; Bear Valley Formation, an Oligicene-Miocene volcanic arenite, Geological Society of America Bulletin v. 82, p. 1179-1205, fig. 2. Scale: 135000
Latitude: N: 380330 S: 374200 Longitude: W 1124500 E: 1122100

2192 Anderson, J.J.; Iivari, T.A.; Rowley, P.D., 1986, Geologic map of the Little Creek Peak quadrangle, Garfield and Iron Counties, Utah, Utah Geological and Mineral Survey Open-File Report 91, 33 p.. Scale: 24000
Latitude: N: 380000 S: 375230 Longitude: W 1123730 E: 1123000

1457 Anderson, J.J.; Iivari, T.A.; Rowley, P.D., 1987, Geologic map of the Little Creek Peak quadrangle, Garfield and Iron Counties, Utah, Utah Geological and Mineral Survey Map 104, 11 p., pl. 1. Scale: 24000
Latitude: N: 380000 S: 375230 Longitude: W 1123730 E: 1123000

2193 Anderson, J.J.; Rowley, P.D., 1986, Geologic map of the Panguitch NW quadrangle, Iron and Garfield Counties, Utah, Utah Geological and Mineral Survey Open-File Report 92, 24 p.. Scale: 24000
Latitude: N: 380000 S: 375230 Longitude: W 1123000 E: 1122230

1438 Anderson, J.J.; Rowley, P.D., 1987, Geologic map of the Panguitch NW quadrangle, Iron and Garfield Counties, Utah, Utah Geological and Mineral Survey Map 103, 8 p., pl. 1. Scale: 24000
Latitude: N: 380000 S: 375230 Longitude: W 1123000 E: 1122230

1193 Anderson, R.E., 1984, Preliminary geologic map of the Goldstrike quadrangle, Washington County, Utah, U.S. Geological Survey unpublished map . Scale: 24000
Latitude: N: 373000 S: 372230 Longitude: W 1140000 E: 1135230

1194 Anderson, R.E., 1984, Preliminary geologic map of the Gunlock quadrangle, Washington County, Utah, U.S. Geological Survey unpublished map . Scale: 24000
Latitude: N: 372230 S: 371500 Longitude: W 1135230 E: 1134500

1204 Anderson, R.E., 1984, Preliminary geologic map of the Maple Ridge quadrangle, Washington County, Utah, U.S. Geological Survey unpublished map . Scale: 24000
Latitude: N: 373000 S: 372230 Longitude: W 1135230 E: 1134500

2246 Anderson, R.E.; Barnhard, T.P., 1993, Aspects of three-dimensional strain at the margin of the extensional orogen, Virgin River depression area, Nevada, Utah, and Arizona [Gunlock area], Geological Society of America Bulletin v.105, no. 8, p. 1019-1052, fig. 25. Scale: 90000
Latitude: N: 370400 S: 365830 Longitude: W 1141500 E: 1134640

2245 Anderson, R.E.; Barnhard, T.P., 1993, Aspects of three-dimensional strain at the margin of the extensional orogen, Virgin River depression area, Nevada, Utah, and Arizona, Geological Society of America Bulletin v.105, no. 8, p. 1019-1052, fig. 12. Scale: 200000
Latitude: N: 372500 S: 370000 Longitude: W 1140300 E: 1134500

Ref#

1745 Andrews, D.A.; Hunt, C.B., 1948, Geologic map of eastern and southern Utah, U.S. Geological Survey Oil and Gas Investigations Preliminary Map OM-70. Scale: 500000
Latitude: N: 420000 S: 370000 Longitude: W 1140000 E: 1090000

261 Averitt, Paul, 1962, Geology and coal resources of the Cedar Mountain quadrangle, Iron County, Utah, U.S. Geological Survey Professional Paper 389, pl. 1. Scale: 24000
Latitude: N: 373730 S: 373000 Longitude: W 1130730 E: 1130000

292 Averitt, Paul, 1967, Geologic map of the Kanarraville quadrangle, Iron County, Utah, U.S. Geological Survey Geologic Quadrangle Map GQ-694. Scale: 24000
Latitude: N: 373730 S: 373000 Longitude: W 1131500 E: 1130730

343 Averitt, Paul; Threet, R.L., 1973, Geologic map of the Cedar City quadrangle, Iron County, Utah, U.S. Geological Survey Geologic Quadrangle Map GQ-1120. Scale: 24000
Latitude: N: 374500 S: 373730 Longitude: W 1130730 E: 1130000

1724 Bassler, Harvey; Reeside, J.B., Jr., 1922, in Contributions to Economic Geology, 1921 Oil prospects in Washington County, Utah, U.S. Geological Survey Bulletin 726-C, p. 87-108, fig. 11. Scale: 62500
Latitude: N: 370900 S: 370400 Longitude: W 1133000 E: 1132500

2001 Bassler, Harvey; Reeside, J.B., Jr., 1922, in Contributions to economic geology, 1921 Oil prospects in Washington County, Utah, U.S. Geological Survey Bulletin 726-C, p. 87-108, fig. 12. Scale: 62500
Latitude: N: 370410 S: 370120 Longitude: W 1133540 E: 1133130

1984 Bell, Henry, III; Bush, A.L.; Turner, R.L.; Cady, J.W.; Brown, S.D.; Hannigan, B.J.; Thompson, J.R., 1990, Mineral resources of the Paria-Hackberry wilderness study area, Kane County, Utah, U.S. Geological Survey Open-File Report OF 90-0453. Scale: 100000
Latitude: N: 373245 S: 370730 Longitude: W 1121500 E: 1114500

1385 Bernstein, L.R., 1985, Geology and mineralogy of the Apex mine, Washington County, Utah, U.S. Geological Survey Open-File Report OF 85-511, fig. 1, 21 p. Scale: 6200
Latitude: N: 370430 S: 370420 Longitude: W 1134900 E: 1134850

1777 Beroni, E.P.; McKeown, F.A.; Stugard, Frederick, Jr.; Gott, G.B., 1953, Uranium deposits of the Bulloch group of claims, Kane County, Utah, U.S. Geological Survey Circular 239, 9 p., pl. 1. Scale: 960
Latitude: N: 371935 S: 371525 Longitude: W 1125120 E: 1125055

1002 Best, M.G., 1984, Preliminary geologic map and sections of the area between Hamblin Valley and Escalante Desert, Iron County, Utah, U.S. Geological Survey Open-File Report OF 84-154, sh. 1. Scale: 50000

Latitude: N: 380000 S: 374500 Longitude: W 1140000 E: 1134500

1449 Best, M.G., 1987, Geologic map and sections of the area between Hamlin Valley and Escalante Desert, Iron County, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-1774. Scale: 50000

Latitude: N: 380000 S: 374500 Longitude: W 1140000 E: 1134500

2462 Biehl, J.W., 1986, Geology of the Escalante district, Iron County, Utah, Rolla, University of Missouri M.S. thesis 173 p.. Scale: 24000
Latitude: N: 374500 S: 373930 Longitude: W 1134800 E: 1134200

2442 Biek, R.F., 1997, Interim geologic map of the Harrisburg Junction quadrangle, Washington County, Utah, Utah

Geological Survey Open-File Report 353, 124 p., pl. 1. Scale: 24000

Latitude: N: 371500 S: 370730 Longitude: W 1133000 E: 1132230

Ref#

2490 Biek, R.F., 1998, Interim geologic map of the Hurricane quadrangle, Washington County, Utah, Utah Geological Survey Open-File Report 361, 154 p., pl. 1. Scale: 24000
Latitude: N: 371500 S: 370730 Longitude: W 1132230 E: 1131500

2012 Blackett, R.E.; Shubat, M.A., 1992, in Blackett, R.E., and Shubat, M.A., A case study of the Newcastle geothermal system, Iron County, Utah Geologic map of the Newcastle geothermal area, Utah Geological Survey Special Studies 81, pl. 1. Scale: 24000
Latitude: N: 374200 S: 373800 Longitude: W 1133620 E: 1133000

694 Blank, H.R., Jr., 1959, Geology of the Bull Valley district of Washington County, Utah, Seattle, University of Washington Ph.D. dissertation . Scale: 20000
Latitude: N: 373430 S: 372030 Longitude: W 1135130 E: 1132730

2093 Blank, H.R., Jr., 1993, Preliminary geologic map of the Enterprise quadrangle, Washington and Iron Counties, Utah, U.S. Geological Survey Open-File Report OF 93-203. Scale: 24000
Latitude: N: 373730 S: 373000 Longitude: W 1134500 E: 1133730

1533 Blank, H.R., Jr.; Mackin, J.H., 1967, Geologic interpretation of an aeromagnetic survey of the Iron Springs district, Utah, U.S. Geological Survey Professional Paper 516-B, p. B1-B14. Scale: 48000
Latitude: N: 375000 S: 373500 Longitude: W 1132730 E: 1130730

1997 Bowers, W.E., 1991, Geologic Map of Bryce Canyon National Park and vicinity, southwestern Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-2108. Scale: 24000
Latitude: N: 374500 S: 372730 Longitude: W 1121730 E: 1120500

1152 Bowers, W.E.; Aigen, A.A.; Landis, E.R., 1976, Coal resources of the Alton, Utah, energy minerals rehabiltation site, U.S. Geological Survey Open-File Report OF 76-386, 32 p. Scale: 24000
Latitude: N: 372230 S: 371700 Longitude: W 1122530 E: 1121800

699 Brox, G.S., 1961, Geology and erosional development of northern Bryce Canyon National Park, Salt Lake City, University of Utah M.S. thesis 77 p.. Scale: 31680
Latitude: N: 374200 S: 373500 Longitude: W 1121115 E: 1120500

1114 Bullock, K.C., 1970, Iron deposits of Utah, Utah Geological and Mineralogical Survey Bulletin 88, 101 p., pl. 1.
Scale: 42240
Latitude: N: 375000 S: 373345 Longitude: W 1132730 E: 1130745

1373 Bullock, K.C., 1973, Geology and ore deposits of Iron Springs district, Iron County, Utah, Brigham Young University Geology Studies v. 20, pt. 1, p. 27-63, fig. 2. Scale: 286000
Latitude: N: 375230 S: 372700 Longitude: W 1133130 E: 1130500

1866 Bureau of Reclamation, Bureau of Land Management; and U.S. Geological Survey, 1975, Resource and potential reclamation evaluation, Alton study site, Alton coal field, Kane County, Utah, U.S. Department of Interior Energy Minerals Rehabilitation Inventory and Analysis Report 4, fig. 1224-OA-300-46. Scale: 48000
Latitude: N: 372230 S: 371730 Longitude: W 1122450 E: 1121820

1865 Bureau of Reclamation, Bureau of Land Management; and U.S. Geological Survey, 1975, Resource and potential reclamation evaluation, Alton study site, Alton coal field, Kane County, Utah, U.S. Department of Interior Energy Minerals Rehabilitation Inventory and Analysis Report 4, fig. 1224-OA-300-1. Scale: 24000
Latitude: N: 372120 S: 371840 Longitude: W 1122335 E: 1121820

Ref#

1078 Bush, A.L., 1983, Geologic map of the Vermilion Cliffs-Paria Canyon instant study areas and adjacent wilderness study areas, Coconino County, Arizona, and Kane County, Utah, U.S. Geological Survey Miscellaneous Field Studies Map MF-1475-A. Scale: 62500
Latitude: N: 370600 S: 364000 Longitude: W 1120600 E: 1113200

1885 Bush, A.L.; Lane, M.E., 1980, Preliminary report on the mineral resource potential of the Vermilion Cliffs-Paria Canyon instant study area, Coconino County, Arizona, and Kane County, Utah, U.S. Geological Survey Open-File Report OF 80-1056, 32 p.. Scale: 62500
Latitude: N: 370630 S: 364030 Longitude: W 1120430 E: 1113130

1832 Carpenter, C.H.; Robinson, G.B., Jr.; Bjorklund, L.J., 1967, Ground-water conditions and geologic reconnaissance of the upper Sevier River basin, Utah, U.S. Geological Survey Water Supply Paper W-1836, 91 p., pl. 1. Scale: 250000
Latitude: N: 384600 S: 372300 Longitude: W 1125400 E: 1114300

558 Cashion, W.B., 1961, Geology and fuel resources of the Orderville-Glendale area, Kane County, Utah, U.S. Geological Survey Coal Investigations Map C-49. Scale: 62500
Latitude: N: 373230 S: 371430 Longitude: W 1125400 E: 1122315

80 Cashion, W.B., 1967, Geologic map of the south flank of the Markagunt Plateau, northwest Kane County, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-494, pl. 1. Scale: 62500
Latitude: N: 373000 S: 371500 Longitude: W 1125230 E: 1123000

2622 Chew, R.T. III, 1956, Uranium and Vanadium deposits of the Colorado Plateau that produced more than 1,000 tons of ore through June 30, 1955, U.S. Geological Survey Mineral Investigations Field Studies Map MF-54. Scale: 750000
Latitude: N: 403000 S: 363000 Longitude: W 1134500 E: 1070000

1162 Christenson, G.E.; Deen, R.D., 1983, Engineering geology of the St. George area, Washington County, Utah, Utah Geological and Mineral Survey Special Studies 58, 33 p., pl. 1. Scale: 31250
Latitude: N: 371200 S: 370130 Longitude: W 1134300 E: 1132600

734 Cook, E.F., 1954, Areal geology of the Pine Valley Mountains, Utah, Seattle, University of Washington Ph.D. dissertation 236 p., sh. 2. Scale: 31680
Latitude: N: 373500 S: 371500 Longitude: W 1134500 E: 1131500

1099 Cook, E.F., 1957, Geology of the Pine Valley Mountains, Utah, Utah Geological and Mineralogical Survey Bulletin 58, 111 p.. Scale: 125000
Latitude: N: 375000 S: 371500 Longitude: W 1134500 E: 1131500

1340 Cook, E.F., 1960, Geologic atlas of Utah, Washington County, Utah Geological and Mineralogical Survey Bulletin 70, 119 p.. Scale: 125000
Latitude: N: 373600 S: 370000 Longitude: W 1140000 E: 1125400

1705 Cook, K.L., 1950, in Magnetic surveys in the Iron Springs district, Iron County, Utah Geologic map of the Iron Springs district, Iron County, Utah, U.S. Bureau of Mines Report of Investigation 4586, fig. 3. Scale: 36000
Latitude: N: 374900 S: 373730 Longitude: W 1132400 E: 1130830

2323 Cordova, R.M., 1978, Ground-water conditions in the Navajo Sandstone in the central Virgin River basin, Utah, Utah Department of Natural Resources Technical Publication 61, 66 p., pl. 1. Scale: 250000

Latitude: N: 373730 S: 370000 Longitude: W 1140500 E: 1130730

Ref#

2324 Cordova, R.M., 1981, Ground-water conditions in the upper Virgin River and Kanab Creek basins area, Utah,
Utah Department of Natural Resources Technical Publication 70, 87 p., pl. 3. Scale: 250000
Latitude: N: 373600 S: 370000 Longitude: W 1131800 E: 1120730

1853 Cordova, R.M.; Sandberg, G.W.; McConkie, Wilson, 1972, Ground-water conditions in the central Virgin River
basin, Utah, U.S. Geological Survey Open-File Report OF 70-55, 37 p., fig. 2. Scale: 250000
Latitude: N: 373700 S: 370000 Longitude: W 1140300 E: 1130834

2321 Cordova, R.M.; Sandberg, G.W.; McConkie, Wilson, 1972, Ground-water conditions in the central Virgin River
basin, Utah, Utah Department of Natural Resources Technical Publication 40, 37 p., pl. 1. Scale: 125000
Latitude: N: 373720 S: 370000 Longitude: W 1140300 E: 1130830

2322 Cordova, R.M.; Sandberg, G.W.; McConkie, Wilson, 1972, Ground-water conditions in the central Virgin River
basin, Utah, Utah Department of Natural Resources Technical Publication 40, 37 p., pl. 2. Scale: 250000
Latitude: N: 373700 S: 370000 Longitude: W 1140300 E: 1130834

2252 Cordy, G.E.; Seiler, R.L.; Stolp, B.J., 1993, Hydrology of the L.C. Holding coal-lease tract and adjacent areas,
southwestern Utah, and potential effects of coal mining, U.S. Geological Survey Water Resources Investigations Report WRI-91-4111, pl. 1. Scale: 38000
Latitude: N: 372700 S: 371600 Longitude: W 1125245 E: 1124315

367 Detterman, J.S., 1956, Photogeologic map of the Johnson SW [Thompson Point] quadrangle, Kane County,
Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-164. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1123000 E: 1122230

137 Detterman, J.S., 1956, Photogeologic map of the Kanab SE [Kanab] quadrangle, Kane County, Utah, and
Mohave County, Arizona, U.S. Geological Survey Miscellaneous Investigations Series Map I-137. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1123730 E: 1123000

368 Detterman, J.S.; Hackman, R.J., 1957, Photogeologic map of the Johnson SE [Johnson Lakes] quadrangle,
Kane County, Utah, and Coconino County, Arizona, U.S. Geological Survey Miscellaneous Investigations Series Map I-248. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1122230 E: 1121500

1377 Dobbin, C.E., 1939, Geologic map of St. George district, Washington County, Utah, American Association of
Petroleum Geologists Bulletin v. 23, p. 121-144, fig. 2. Scale: 360000
Latitude: N: 373000 S: 370000 Longitude: W 1140000 E: 1131500

1250 Dobbin, C.E., 1939, Geologic structure of St. George district, Washington County, Utah, American Association of Petroleum Geologists Bulletin v. 23, p. 121-144, fig. 11. Scale: 62500
Latitude: N: 370500 S: 370000 Longitude: W 1133600 E: 1133030

1291 Doelling, H.H., 1970, Geologic map of the Adams Head 1 [Adams Head, Cow Creek, Flake Mountain West and
Flake Mountain East] quadrangle, Utah, Utah Geological and Mineralogical Survey unpublished map . Scale: 31680
Latitude: N: 380000 S: 374500 Longitude: W 1121500 E: 1120000

1345 Doelling, H.H., 1975, Geology and mineral resources of Garfield County, Utah, Utah Geological and Mineral
Survey Bulletin 107, 175 p., pl. 1. Scale: 250000
Latitude: N: 380900 S: 372700 Longitude: W 1124030 E: 1095500

Ref#

1813 Doelling, H.H., 1987, Geologic map of the Elephant Butte quadrangle, Kane County, Utah, and Mohave County, Arizona, Utah Geological and Mineral Survey Open-File Report 113, 10 p.. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1125230 E: 1124500

2494 Doelling, H.H., 1999, Interim geologic map of the Kanab 30'x60' quadrangle, Kane and Washington Counties, Utah, and Coconino and Mohave Counties, Arizona, Utah Geological Survey Open-File Report 366, 11 p., pl. 1. Scale: 100000
Latitude: N: 373000 S: 370000 Longitude: W 1130000 E: 1120000

1567 Doelling, H.H., Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Rainbow Point quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 56-57. Scale: 42240
Latitude: N: 373000 S: 372230 Longitude: W 1121500 E: 1120730

2126 Doelling, H.H.; Davis, F.D., 1986, Geology of Kane County, Utah, Utah Geological and Mineral Survey Bulletin 124, 192 p., fig. 156. Scale: 24000
Latitude: N: 372700 S: 372230 Longitude: W 1123730 E: 1123000

1537 Doelling, H.H.; compiler, 1968, Geologic map of the Panguitch area, Garfield and Iron Counties, Utah, Utah Geological and Mineralogical Survey unpublished map . Scale: 31680
Latitude: N: 380000 S: 374500 Longitude: W 1123000 E: 1121500

2234 Doelling, H.H.; Davis, F.D., 1986, Geology of Kane County, Utah, Utah Geological and Mineral Survey Bulletin 124, 192 p., fig. 141. Scale: 30000
Latitude: N: 371700 S: 371500 Longitude: W 1124830 E: 1124500

2235 Doelling, H.H.; Davis, F.D., 1986, Geology of Kane County, Utah, Utah Geological and Mineral Survey Bulletin 124, 192 p., fig. 155. Scale: 36000
Latitude: N: 372805 S: 372500 Longitude: W 1122953 E: 1122620

2092 Doelling, H.H.; Davis, F.D., 1986, Geology of Kane County, Utah, Utah Geological and Mineral Survey Bulletin 124, 192 p., fig. 157. Scale: 24000
Latitude: N: 372230 S: 371700 Longitude: W 1123730 E: 1123400

2003 Doelling, H.H.; Davis, F.D., 1986, Geology of Kane County, Utah, Utah Geological and Mineral Survey Bulletin 124, 192 p., fig. 159. Scale: 24000
Latitude: N: 370355 S: 370000 Longitude: W 1123410 E: 1123000

1142 Doelling, H.H.; Davis, F.D., 1986, Geology of Kane County, Utah, Utah Geological and Mineral Survey Bulletin 124, 192 p., fig., 158. Scale: 24000
Latitude: N: 371820 S: 371230 Longitude: W 1124245 E: 1123615

2196 Doelling, H.H.; Davis, F.D., 1986, Geology of Kane County, Utah, Utah Geological and Mineral Survey Open-File Report 97, 189 p., fig. 60. Scale: 24000
Latitude: N: 372820 S: 372450 Longitude: W 1123000 E: 1122555

2314 Doelling, H.H.; Davis, F.D., 1986, Geology of Kane County, Utah, Utah Geological Survey Open-File Report 97, 189 p., fig. 61. Scale: 24000
Latitude: N: 372700 S: 372230 Longitude: W 1123730 E: 1123000

2315 Doelling, H.H.; Davis, F.D., 1986, Geology of Kane County, Utah, Utah Geological Survey Open-File Report
97, 189 p., fig. 62. Scale: 24000
Latitude: N: 372230 S: 371700 Longitude: W 1123730 E: 1123400

Ref#

2316 Doelling, H.H.; Davis, F.D., 1986, Geology of Kane County, Utah, Utah Geological Survey Open-File Report 97, 189 p., fig. 63. Scale: 24000
Latitude: N: 371820 S: 371230 Longitude: W 1124245 E: 1123615

2317 Doelling, H.H.; Davis, F.D., 1986, Geology of Kane County, Utah, Utah Geological Survey Open-File Report 97, 189 p., fig. 64. Scale: 24000
Latitude: N: 370355 S: 370000 Longitude: W 1123410 E: 1123000

829 Doelling, H.H.; Davis, F.D.; Brandt, C.J., 1989, The geology of Kane County, Utah -Geology, Mineral Resources, Geologic Hazards, Utah Geological and Mineral Survey Bulletin 124, 192 p., plates 8, 9, and 10 [also released as UGMS Map 121]. Scale: 100000
Latitude: N: 373500 S: 370000 Longitude: W 1125400 E: 1103800

1693 Doelling, H.H.; Davis, F.D.; Brandt, C.J., 1989, The geology of Kane County, Utah, Utah Geological and Mineral Survey Bulletin 124, 192 p., pl. 5, 6 and 7 [also released as UGMS map 121]. Scale: 100000
Latitude: N: 373500 S: 370000 Longitude: W 1125400 E: 1103800

1559 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Alton quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 26-27. Scale: 42240
Latitude: N: 372700 S: 372230 Longitude: W 1123000 E: 1122230

1561 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Bald Knoll quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 34-35. Scale: 42240
Latitude: N: 372230 S: 371500 Longitude: W 1123000 E: 1122230

1560 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Bryce Point quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 38-39. Scale: 42240
Latitude: N: 373730 S: 373000 Longitude: W 1121500 E: 1120730

1562 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Cannonville quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 44-45. Scale: 42240
Latitude: N: 373730 S: 373000 Longitude: W 1120730 E: 1120000

1593 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Cedar Mountain quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 286-287. Scale: 42240
Latitude: N: 373730 S: 373000 Longitude: W 1130730 E: 1130000

1594 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Coal Creek [Cedar City, Cedar Mountain, Flanigan Arch, and Webster Flat] quadrangle,

Utah
Geological and Mineralogical Survey Monograph 1, p. 298-299. Scale: 42240
Latitude: N: 374200 S: 373500 Longitude: W 1130300 E: 1125530

1563 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal
and geology map, Deer Spring Point quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p.
48-49. Scale: 42240
Latitude: N: 372230 S: 371500 Longitude: W 1121500 E: 1120730

Ref#

1595 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Kolob Peak [Kolob Reservoir and Cedar Mountain] quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 304-305. Scale: 42240

Latitude: N: 373100 S: 372330 Longitude: W 1130730 E: 1130000

1596 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Orderville Canyon NW [Webster Flat] quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 306-307. Scale: 42240

Latitude: N: 373730 S: 373000 Longitude: W 1130000 E: 1125230

1598 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Orderville Canyon SW [Glendale] quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 324-325. Scale: 42240

Latitude: N: 372230 S: 371500 Longitude: W 1124500 E: 1123730

1597 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Orderville NE-SE [Glendale and Long Valley Junction] quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 52-53. Scale: 42240

Latitude: N: 372530 S: 371700 Longitude: W 1123730 E: 1123000

1599 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Page Ranch-Stoddard Mountain quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 328-329. Scale: 42240

Latitude: N: 373600 S: 373000 Longitude: W 1132800 E: 1131800

1566 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Skutumpah Creek-Podunk Creek quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 62-63. Scale: 42240

Latitude: N: 372430 S: 371630 Longitude: W 1122230 E: 1121500

1591 Doelling, H.H.; Graham, R.L., 1972, in Doelling, H.H., and Graham, R.L., Southwestern Utah coal fields Coal and geology map, Tropic Canyon quadrangle, Utah Geological and Mineralogical Survey Monograph 1, p. 240-241. Scale: 42240

Latitude: N: 374500 S: 373730 Longitude: W 1120730 E: 1120000

2495 Doelling, H.H.; Willis, G.C., 1999, Interim geologic map of the SE part of the Panguitch 30'x60' quadrangle, Garfield and Kane Counties, Utah, Utah Geological Survey Open-File Report 367, 7p., pl. 1. Scale: 100000

Latitude: N: 374500 S: 373000 Longitude: W 1121500 E: 1120000

1342 Eardley, A.J.; Cohenour, R.E., 1963, Coal resources of the Antimony-Johns Valley area, Garfield County, Utah, Utah Geological and Mineralogical Survey Report to the Utah State Land Board 15 p.. Scale: 125000

Latitude: N: 380830 S: 374630 Longitude: W 1121500 E: 1115100

1978 Eppinger, R.G.; Winkler, G.R.; Cookro, T.M.; Shubat, M.A.; Blank, H.R., Jr.; Crowley, J.K.; Kucks, R.P.; Jones,
J.L., 1990, Preliminary assessment of the mineral resources of the Cedar City 1° x 2° quadrangle, Utah, U.S.
Geological Survey Open-File Report OF 90-034, 146 p., pl. 1. Scale: 250000
Latitude: N: 380000 S: 370000 Longitude: W 1140000 E: 1120000

2542 Finch, W.I. (Compiler), 1955, Preliminary geologic map showing the distribution of uranium deposits and principal ore-bearing formations of the Colorado Plateau region, U.S. Geological Survey Mineral Investigations
Field Studies Map MF-16. Scale: 500000
Latitude: N: 403000 S: 341500 Longitude: W 1134500 E: 1070000

Ref#

1759 Fix, P.F.; Nelson, W.B.; Lofgren, B.E.; Butler, R.G., 1950, Ground water in Escalante Valley, Beaver, Iron, and Washington Counties, Utah, Utah State Engineer Technical Publication 6, 27th Biennial Report, p. 109-210, pl. 8. Scale: 125000
Latitude: N: 380045 S: 373100 Longitude: W 1135730 E: 1132500

1281 Gardner, L.S., 1941, The Hurricane fault in southwestern Utah and northwestern Arizona, American Journal of Science v. 239, p. 241-260, pl. 1. Scale: 320000
Latitude: N: 374330 S: 365800 Longitude: W 1132200 E: 1130800

1707 Gardner, L.S., 1952, in Thune, H.W., editor, Cedar City, Utah, to Las Vegas, Nevada The Hurricane fault, Intermountain Association of Petroleum Geologists Guidebook to the Geology of Utah no. 7, p. 15-21, pl. 1. Scale: 170000
Latitude: N: 374225 S: 365500 Longitude: W 1133000 E: 1125730

334 Goode, H.D., 1973, Preliminary geologic map of the Bald Knoll quadrangle, Utah, U.S. Geological Survey Miscellaneous Field Studies Map MF-520. Scale: 24000
Latitude: N: 372230 S: 371500 Longitude: W 1123000 E: 1122230

335 Goode, H.D., 1973, Preliminary geologic map of the Skutumpah Creek quadrangle, Utah, U.S. Geological Survey Miscellaneous Field Studies Map MF-521. Scale: 24000
Latitude: N: 372230 S: 371500 Longitude: W 1122230 E: 1121500

2036 Grant, S.K., 1991, Geologic map of the New Harmony quadrangle, Washington County, Utah, Utah Geological and Mineral Survey Open-File Report 206, 37 p.. Scale: 24000
Latitude: N: 373000 S: 372230 Longitude: W 1132230 E: 1131500

2304 Grant, S.K., 1995, Geologic map of the New Harmony quadrangle, Washington County, Utah, Utah Geological Survey Miscellaneous Publication 95-2, 14 p., pl. 1. Scale: 24000
Latitude: N: 373000 S: 372230 Longitude: W 1132230 E: 1131500

2043 Grant, S.K.; Proctor, P.D., 1988, Geology of the Antelope Peak quadrangle, Iron County, Utah, Utah Geological and Mineral Survey Open-File Report 130, 20 p.. Scale: 24000
Latitude: N: 375230 S: 374500 Longitude: W 1133000 E: 1132230

1095 Grant, T.C.; Anderson, J.J., 1979, Geology of the Spry intrusion, Garfield County, Utah, Utah Geological and Mineral Survey Utah Geology v. 6, no. 2, p. 5-24, fig. 3. Scale: 53000
Latitude: N: 380600 S: 375930 Longitude: W 1122515 E: 1121830

1737 Gregory, H.E., 1939, in Gregory, H.E., A geologic sketch of Zion National Park, Utah Geologic map of the Zion Park region, Zion Natural History Association 36 p.. Scale: 250000
Latitude: N: 373320 S: 370940 Longitude: W 1132000 E: 1124130

1089 Gregory, H.E., 1948, Geology and geography of central Kane County, Utah, Geological Society of America Bulletin v. 59, p. 211-248. Scale: 125000
Latitude: N: 372230 S: 370000 Longitude: W 1122230 E: 1113330

1175 Gregory, H.E., 1949, Geologic and geographic reconnaissance of eastern Markagunt Plateau, Utah, Geological Society of America Bulletin v. 60, p. 969-998, pl. 1. Scale: 63360
Latitude: N: 375000 S: 372730 Longitude: W 1124115 E: 1122400

1121 Gregory, H.E., 1950, Geology and geography of the Zion Park region, Utah and Arizona, U.S. Geological Survey Professional Paper 220, 200 p., pl.2. Scale: 125000

Latitude: N: 373730 S: 370000 Longitude: W 1132000 E: 1122230

Ref#

30 Gregory, H.E., 1950, Geology of eastern Iron County, Utah, Utah Geological and Mineralogical Survey Bulletin 37, 153 p., pl. 2. Scale: 63360
Latitude: N: 375330 S: 372700 Longitude: W 1131300 E: 1124115

1034 Gregory, H.E., 1950, Reconnaissance geologic map of eastern Iron County, Utah, Utah Geological and Mineralogical Survey Map 1, pl. 2. Scale: 63360
Latitude: N: 375300 S: 372730 Longitude: W 1131200 E: 1124000

34 Gregory, H.E., 1951, Geology and geography of the Paunsaugunt region, Utah, U.S. Geological Survey Professional Paper 226, 116 p., pl. 1. Scale: 62500
Latitude: N: 374630 S: 370900 Longitude: W 1122900 E: 1120100

37 Gregory, H.E., 1951, Geology and geography of the Paunsaugunt region, Utah, U.S. Geological Survey Professional Paper 226, 116 p., pl. 4. Scale: 31680
Latitude: N: 372430 S: 372000 Longitude: W 1121130 E: 1120600

1177 Gregory, H.E.; Williams, N.C., 1947, Geologic map of Zion National Monument, Utah, Geological Society of America Bulletin v. 58, p. 211-244, pl. 1. Scale: 63360
Latitude: N: 373000 S: 370650 Longitude: W 1131300 E: 1125100

143 Hackman, R.J., 1957, Photogeologic map of the Buckskin Gulch NE [Eightmile Pass] quadrangle, Kane County, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-259. Scale: 24000
Latitude: N: 371500 S: 370730 Longitude: W 1120730 E: 1120000

141 Hackman, R.J., 1957, Photogeologic map of the Buckskin Gulch NW [Nephi Point] quadrangle, Kane County, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-251. Scale: 24000
Latitude: N: 371500 S: 370730 Longitude: W 1121500 E: 1120730

142 Hackman, R.J., 1957, Photogeologic map of the Buckskin Gulch SW [Petrified Hollow] quadrangle, Kane County, Utah, and Coconino County, Arizona, U.S. Geological Survey Miscellaneous Investigations Series Map I-244. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1121500 E: 1120730

365 Hackman, R.J., 1957, Photogeologic map of the Johnson NE [Pine Point] quadrangle, Kane County, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-245. Scale: 24000
Latitude: N: 371500 S: 370730 Longitude: W 1122230 E: 1121500

884 Hamilton, W.L., 1978, Geologic map of Zion National Park, Utah, Zion Natural History Association . Scale: 31680
Latitude: N: 373000 S: 370830 Longitude: W 1131330 E: 1125200

1546 Hammond, B.J., 1988, Analysis of the Grand Wash-Reef Reservoir-Gunlock Fault zone, Washington County, Utah, and Mojave County, Arizona, Provo, Utah, Brigham Young University M.S. thesis 76 p.. Scale: 24000
Latitude: N: 371400 S: 365930 Longitude: W 1134800 E: 1134530

2050 Hammond, B.J., 1991, Interim geologic map of the Jarvis Peak quadrangle, Washington County, Utah, Utah Geological Survey Open-File Report 212, 63 p., pl. 1. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1135230 E: 1134500

Ref#

2540 Harris, A.G.; Wardlaw, B.R.; Rust, C.C., Merrill, G.K., 1980, Maps for assessing thermal maturity (conodont color alteration index maps) in Ordovician through Triassic rocks in Nevada and Utah and adjacent parts of Idaho and California, U.S. Geological Survey Miscellaneous Investigations Series Map I-1249, 2 sheets. Scale: 2500000
Latitude: N: 440000 S: 340000 Longitude: W 1200000 E: 1080000

888 Haynes, S.A., 1983, Geomorphic development of the Virgin River near Hurricane, Utah, Salt Lake City, University of Utah M.S. thesis 189 p., pl. 1. Scale: 31680
Latitude: N: 371500 S: 370430 Longitude: W 1132730 E: 1131500

2044 Hereford, Richard, 1988, Geology of the Cannonville quadrangle, Kane and Garfield Counties, Utah, Utah Geological and Mineral Survey Open-File Report 142, 17 p.. Scale: 24000
Latitude: N: 373730 S: 373000 Longitude: W 1120730 E: 1120000

2443 Higgins, J.M., 1997, Interim geologic map of the White Hills quadrangle, Washington County, Utah, Utah Geological Survey Open-File Report 352, 94 p., pl. 1. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1134500 E: 1133730

2491 Higgins, J.M., 1998, Interim geologic map of the Washington Dome quadrangle, Washington County, Utah, Utah Geological Survey Open-File Report 363, 108 p., pl. 1. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1133000 E: 1132230

2497 Higgins, J.M., 2000, Interim geologic map of the Divide 7.5' quadrangle, Washington County, Utah, Utah Geological Survey Open-File Report 378, 61 p., pl. 1. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1132230 E: 1131500

2493 Higgins, J.M.; Willis, G.C., 1995, Interim geologic map of the St. George quadrangle, Washington County, Utah, Utah Geological Survey Open-File Report 323, 90 p., pl. 1. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1133730 E: 1133000

842 Hintze, L.F., 1963, Geologic map of Utah (southwest quarter), Utah Geological and Mineralogical Survey Report to the Utah State Land Board . Scale: 250000
Latitude: N: 392230 S: 370000 Longitude: W 1140300 E: 1113730

1430 Hintze, L.F., 1963, in Heylmun, E.B., editor, Guidebook to the geology of southwestern Utah - Transition between Basin-Range and Colorado Plateau provinces Lower Paleozoic of southwestern Utah, Intermountain Association of Petroleum Geologists Guidebook Twelfth Annual Field Conference, 232 p.. Scale: 250000
Latitude: N: 393000 S: 370000 Longitude: W 1140200 E: 1113500

1195 Hintze, L.F., 1984, Preliminary geologic map of the Gunlock quadrangle, Washington County, Utah, Brigham Young University unpublished map . Scale: 24000
Latitude: N: 372230 S: 371500 Longitude: W 1135230 E: 1134500

1207 Hintze, L.F., 1984, Preliminary geologic map of the Motoqua quadrangle, Washington County, Utah, Brigham Young University unpublished map . Scale: 24000
Latitude: N: 372230 S: 371500 Longitude: W 1140000 E: 1135230

1236 Hintze, L.F., 1985, Geologic map of the Castle Cliff and Jarvis Peak quadrangles, Washington County, Utah, U.S. Geological Survey Open-File Report OF 85-120, 19 p., pl. 1 and 2. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1140000 E: 1135230

1235 Hintze, L.F., 1985, Geologic map of the Shivwits and West Mountain Peak quadrangles, Washington County,
Utah, U.S. Geological Survey Open-File Report OF 85-119, 19 p., pl. 1 and 2. Scale: 24000

Latitude: N: 371500 S: 370730 Longitude: W 1140000 E: 1134500

Ref#

226 Hintze, L.F., 1986, in Griffen, D.T., and Phillips, W.R., editors, Thrusting and extensional structure and mineralization in the Beaver Dam Mountains, southwestern Utah Stratigraphy and structure of the Beaver Dam Mountains, southwestern Utah, Utah Geological Association Publication 15, p. 1-36, pl. 2. Scale: 48000

Latitude: N: 372330 S: 370000 Longitude: W 1140000 E: 1134500

2226 Hintze, L.F.; Anderson, R.E.; Embree, G.F., 1994, Geologic map of the Motoqua and Gunlock quadrangles, Washington County, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-2427. Scale: 24000

Latitude: N: 372230 S: 371500 Longitude: W 1140000 E: 1134500

827 Hintze, L.F.; compiler, 1980, Geologic map of Utah, Utah Geological and Mineral Survey Map A-1. Scale: 500000

Latitude: N: 420000 S: 370000 Longitude: W 1140300 E: 1090300

2041 Hintze, L.F.; Hammond, B.J., 1991, Geologic map of the Shivwits quadrangle, Washington County, Utah, Utah Geological Survey Open-File Report 213, 77 p.. Scale: 24000

Latitude: N: 371500 S: 370730 Longitude: W 1135230 E: 1134500

2228 Hintze, L.F.; Hammond, B.J., 1994, Geologic map of the Shivwits quadrangle, Washington County, Utah, Utah Geological Survey Map 153, 21 p., pl. 1. Scale: 24000

Latitude: N: 371500 S: 370730 Longitude: W 1135230 E: 1134500

2477 Hintze, L.F.; Willis, G.C.; Laes, D.Y.M.; Sprinkel, D.A.; Brown, K.D., 2000, Digital Geologic Map of Utah, Utah Geological Survey Map 179DM compact disc. Scale: 500000

Latitude: N: 420000 S: 370000 Longitude: W 1140400 E: 1090000

1515 Hornbacher, Dwight, 1985, Geology and structure of Kodachrome Basin State Reserve and vicinity, Kane and Garfield Counties, Utah, Loma Linda, California, Loma Linda University M.S. thesis 179 p., pl. 2. Scale: 12000

Latitude: N: 373330 S: 373000 Longitude: W 1120330 E: 1115630

1484 Houser, B.B., Jones, J.L.; Kilburn, J.E.; Blank, H.R., Jr.; Wood, R.H.; Cook, K.L., 1988, Map showing mineral and energy resource potential, geology, and sample localities for the Red Mountain wilderness study area, Washington County, Utah, U.S. Geological Survey Bulletin 1746-D, p. 13 p., pl. 1. Scale: 24000

Latitude: N: 371730 S: 371030 Longitude: W 1134700 E: 1133730

1483 Houser, B.B.; Jones, J.L.; Kilburn, J.E.; Blank, H.R., Jr.; Wood, R.H.; Cook, K.L., 1988, Map showing mineral and energy resource potential, geology, and sample localities for the Cottonwood Canyon wilderness study area, Washington County, Utah, U.S. Geological Survey Bulletin 1746-C, 14 p., pl. 1. Scale: 24000

Latitude: N: 371730 S: 371030 Longitude: W 1134700 E: 1133730

1874 Howard, E.L.; compiler, 1978, Geologic map of the eastern Great Basin, Nevada and Utah [extreme western Beaver, Iron, and Washington Counties], Lakewood, Colorado, Terrascan Group Limited sheet 1. Scale: 250000

Latitude: N: 383000 S: 360000 Longitude: W 1163000 E: 1134500

1698 Huntington, Ellsworth; Goldthwait, J.W., 1904, Hurricane fault in the Toquerville district, Harvard College Museum of Comparative Zoology Bulletin v. 43, pl. 7. Scale: 93750

Latitude: N: 372500 S: 370700 Longitude: W 1135200 E: 1133000

Ref#

2484 Hurlow, H.H.; Biek, R.F., 2000, Interim geologic map of the Pintura quadrangle, Washington County, Utah,
Utah Geological Survey Open-File Report 375, 58 p., pl. 1. Scale: 24000
Latitude: N: 372230 S: 371500 Longitude: W 1132230 E: 1131500

2467 Hylland, M.D., 2000, Interim geologic map of the Clear Creek Mountain quadrangle, Kane County, Utah, Utah
Geological Survey Open-File Report 371, 6 p.. Scale: 24000
Latitude: N: 372230 S: 371500 Longitude: W 1125230 E: 1124500

1378 Iivari, T.A., 1979, Cenozoic geologic evolution of the east-central Markagunt Plateau, Utah, Kent, Ohio, Kent
State University M.S. thesis pl. 1. Scale: 62500
Latitude: N: 375330 S: 374130 Longitude: W 1124500 E: 1122500

2438 Johnson, W.D., 1984, Map showing outcrops of thick, dominately argillaceous sedimentary and metasedimentary rocks, Basin and Range Province, Utah, U.S. Geological Survey Water Resources Investigations Report WRI-83-4122-E. Scale: 500000
Latitude: N: 420000 S: 370000 Longitude: W 1140000 E: 1120000

931 Judy, J.R., 1974, Cenozoic stratigraphic and structural evolution of the west-central Markagunt Plateau, Utah, Kent, Ohio, Kent State University M.S. thesis fig. 2. Scale: 63360
Latitude: N: 374530 S: 374100 Longitude: W 1125030 E: 1123730

1761 Kinkel, A.R., Jr.; Granger, A.E., 1951, Preliminary report on the Apex and Paymaster mines, Washington County, Utah, U.S. Geological Survey Open-File Report OF 51-1, fig. 1. Scale: 1200
Latitude: N: 370415 S: 370350 Longitude: W 1134845 E: 1134808

1762 Kinkel, A.R., Jr.; Granger, A.E., 1951, Preliminary report on the Apex and Paymaster mines, Washington County, Utah, U.S. Geological Survey Open-File Report OF 51-1, fig. 3. Scale: 360
Latitude: N: 370358 S: 370356 Longitude: W 1134828 E: 1134825

24 Kramer, W.B., 1938, Geologic and structure contour map of the Bloomington dome, U.S. Geological Survey
Coal Investigations Map C3-3. Scale: 62500
Latitude: N: 370430 S: 370200 Longitude: W 1133500 E: 1133130

2144 Kurlich, R.A., III, 1990, Geology of the Hatch quadrangle, Garfield County, southwestern Utah, Kent, Ohio,
Kent State University M.S. thesis 104 p.. Scale: 24000
Latitude: N: 374500 S: 373730 Longitude: W 1123000 E: 1122230

2023 Kurlich, R.A.; Anderson, J.J., 1992, Geologic map of the Hatch quadrangle, Garfield County, Utah, Utah Geological Survey Open-File Report 244, 57 p.. Scale: 24000
Latitude: N: 374500 S: 373730 Longitude: W 1123000 E: 1122230

2502 Kurlich, R.H., III; Anderson, J.J., 1997, Geologic map of the Hatch quadrangle, Garfield County, Utah, Utah
Geological Survey Miscellaneous Publication 97-5, 17 p., pl. 1. Scale: 24000
Latitude: N: 374500 S: 373730 Longitude: W 1123000 E: 1122230

1703 Leith, C.K.; Harder, E.C., 1908, The iron ores of the Iron Springs district, southern Utah, U.S. Geological Survey Bulletin 338, 102 p., pl. 3. Scale: 6000
Latitude: N: 374730 S: 373500 Longitude: W 1132630 E: 1131000

1704 Leith, C.K.; Harder, E.C., 1908, The iron ores of the Iron Springs district, southern Utah, U.S. Geological Survey Bulletin 338, 102 p., pl. 4. Scale: 6000
Latitude: N: 373750 S: 373640 Longitude: W 1132435 E: 1132215

1530 Leith, C.K.; Harder, E.C., 1908, The iron ores of the Iron Springs district, southern Utah, U.S. Geological Survey Bulletin 338, 102 p., pl. 5. Scale: 6000
Latitude: N: 374730 S: 373500 Longitude: W 1132630 E: 1131000

Ref#

2066 Leith, C.K.; Harder, E.C., 1908, The iron ores of the Iron Springs district, southern Utah, U.S. Geological Survey Bulletin 338, 102 p., pl. 6. Scale: 6000
Latitude: N: 374730 S: 373500 Longitude: W 1132630 E: 1131000

1 Leith, C.K.; Harder, E.C.0., 1908, The iron ores of the Iron Springs district, southern Utah, U.S. Geological Survey Bulletin 338, 102 p., pl. 2. Scale: 62500
Latitude: N: 374730 S: 373500 Longitude: W 1132630 E: 1131000

700 Lewis, A.E., 1958, Geology and mineralization connected with the intrusion of a quartz monzonite porphyry, Iron Mountain, Iron Springs district, Utah, Pasadena, California Institute of Technology Ph.D. dissertation 75 p., pl. 1. Scale: 9600
Latitude: N: 374030 S: 373500 Longitude: W 1132530 E: 1131900

939 Lovejoy, E.M.P., 1964, The Hurricane fault zone and the Cedar Pocket-Shebit-Gunlock fault complex, southwestern Utah and northwestern Arizona, Tucson, University of Arizona Ph.D. dissertation 195 p., fig. 2. Scale: 125000
Latitude: N: 374200 S: 365500 Longitude: W 1132500 E: 1125830

2530 Ludeke, R.G.; Smith, R.L., 1978, Map showing distribution, composition, and age of late Cenozoic volcanic centers in Colorado, Utah, and southwestern Wyoming, U.S. Geological Survey Miscellaneous Investigations Series Map I-1901-B. Scale: 1000000
Latitude: N: 420000 S: 370000 Longitude: W 1140000 E: 1020000

1136 Mackin, J.H., 1947, Some structural features of the intrusions in the Iron Springs district, Utah Geological Society Guidebook to the Geology of Utah no. 2, 62 p., fig. 2. Scale: 20300
Latitude: N: 374730 S: 374430 Longitude: W 1131400 E: 1131000

1137 Mackin, J.H., 1947, Some structural features of the intrusions in the Iron Springs district, Utah Geological Society Guidebook to the Geology of Utah no. 2, 63 p., fig. 12. Scale: 24000
Latitude: N: 374500 S: 374100 Longitude: W 1131730 E: 1131230

557 Mackin, J.H., 1954, Geology and iron ore deposits of the Granite Mountain area, Iron County, Utah, U.S. Geological Survey Miscellaneous Field Studies Map MF-14, pl. 1. Scale: 12000
Latitude: N: 374500 S: 374200 Longitude: W 1131730 E: 1131230

359 Mackin, J.H.; Nelson, W.H.; Rowley, P.D., 1976, Geologic map of the Cedar City NW quadrangle, Iron County, Utah, U.S. Geological Survey Geologic Quadrangle Map GQ-1295. Scale: 24000
Latitude: N: 374500 S: 373730 Longitude: W 1131500 E: 1130730

352 Mackin, J.H.; Rowley, P.D., 1975, Geologic map of the Avon SE quadrangle, Iron County, Utah, U.S. Geological Survey Geologic Quadrangle Map GQ-1294. Scale: 24000
Latitude: N: 375230 S: 374500 Longitude: W 1132230 E: 1131500

355 Mackin, J.H.; Rowley, P.D., 1976, Geologic map of the Three Peaks quadrangle, Iron County, Utah, U.S. Geological Survey Geologic Quadrangle Map GQ-1297. Scale: 24000
Latitude: N: 375230 S: 374500 Longitude: W 1131500 E: 1130730

2140 Maldonado, Florian; Moore, R.C., 1993, Preliminary geologic map of the Parowan quadrangle, Iron County, Utah, U.S. Geological Survey Open-File Report OF 93-3. Scale: 24000
Latitude: N: 375230 S: 374500 Longitude: W 1125230 E: 1124500

1994 Maldonado, Florian; Williams, V.S., 1991, Geologic map of the Paragonah quadrangle, Iron County, Utah, U.S. Geological Survey Open-File Report OF 90-494, pl. 1. Scale: 24000

Latitude: N: 380000 S: 375230 Longitude: W 1125230 E: 1124500

Ref#

1995 Maldonado, Florian; Williams, V.S., 1991, Geologic map of the Parowan Gap quadrangle, Iron County, Utah,
U.S. Geological Survey Open-File Report OF 90-495. Scale: 24000
Latitude: N: 380000 S: 375230 Longitude: W 1130000 E: 1125230

2156 Maldonado, Florian; Williams, V.S., 1993, Geologic map of the Paragonah quadrangle, Iron County, Utah, U.S.
Geological Survey Geologic Quadrangle Map GQ-1713. Scale: 24000
Latitude: N: 380000 S: 375230 Longitude: W 1125230 E: 1124500

2157 Maldonado, Florian; Williams, V.S., 1993, Geologic map of the Parowan Gap quadrangle, Iron County, Utah,
U.S. Geological Survey Geologic Quadrangle Map GQ-1712. Scale: 24000
Latitude: N: 380000 S: 375230 Longitude: W 1130000 E: 1125230

124 Marshall, C.H., 1956, Photogeologic map of the Virgin NE [Springdale West] quadrangle, Washington County,
Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-161. Scale: 24000

Latitude: N: 371500 S: 370730 Longitude: W 1130730 E: 1130000

122 Marshall, C.H., 1956, Photogeologic map of the Virgin NW [Virgin] quadrangle, Washington County, Utah, U.S.
Geological Survey Miscellaneous Investigations Series Map I-149. Scale: 24000
Latitude: N: 371500 S: 370730 Longitude: W 1131500 E: 1130730

123 Marshall, C.H., 1956, Photogeologic map of the Virgin SW [Little Creek Mountain] quadrangle, Washington
County, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-147. Scale: 24000

Latitude: N: 370730 S: 370000 Longitude: W 1131500 E: 1130730

702 McCarthy, W.R., 1959, Stratigraphy and structure of the Gunlock-Motoqua area, Washington County, Utah,
Seattle, University of Washington M.S. thesis 41 p.. Scale: 31680
Latitude: N: 371630 S: 371500 Longitude: W 1135400 E: 1134500

144 Minard, J.P., 1957, Photogeologic map of the Buckskin Gulch SE [Pine Hollow Canyon] quadrangle, Kane
County, Utah, and Coconino County, Arizona, U.S. Geological Survey Miscellaneous Investigations Series Map
I-260. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1120730 E: 1120000

2592 Moore, D.W.;
Sable, E.G., 2001, Geologic map of the Smithsonian Butte quadrangle, Washington County, Utah and Mohave
County, Arizona, Utah Geological Survey Miscellaneous Publication 01-1, 30 p., pl. 1. Scale: 24000

Latitude: N: 370730 S: 370000 Longitude: W 1130730 E: 1130000

907 Moore, D.W.; Nealey, L.D., 1993, Preliminary geologic map of the Navajo Lake quadrangle, Kane and Iron
Counties, Utah, U.S. Geological Survey Open-File Report OF 93-190. Scale: 24000
Latitude: N: 373730 S: 373000 Longitude: W 1125230 E: 1124500

2247 Moore, D.W.; Nealey, L.D.; Sable, E.G., 1994, Preliminary report, measured sections, and map of the geology

of the Asay Bench quadrangle, Garfield and Kane Counties, Utah, U.S. Geological Survey Open-File Report
OF 94-10. Scale: 24000

Latitude: N: 373730 S: 373000 Longitude: W 1123730 E: 1123000

2125 Moore, D.W.; Sable, E.G., 1992, Preliminary report and map of the geology of the Smithsonian Butte quadrangle, Washington County, Utah, U.S. Geological Survey Open-File Report OF 92-589, 17 p.. Scale: 24000

Latitude: N: 370730 S: 370000 Longitude: W 1130730 E: 1130000

Ref#

2230 Moore, D.W.; Sable, E.G., 1994, Geologic map of the Smithsonian Butte quadrangle, Washington County,
Utah, Utah Geological Survey Open-File Report 305, 79 p.. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1130730 E: 1130000

2299 Moore, D.W.; Straub, A.W., 1995, Preliminary geologic map of the Panguitch quadrangle, Garfield County,
Utah, U.S. Geological Survey Open-File Report OF 95-9, 13 p.. Scale: 24000
Latitude: N: 375230 S: 374500 Longitude: W 1123000 E: 1122230

1883 Morris, S.K., 1980, Geology and ore deposits of Mineral Mountain, Washington County, Utah, Brigham Young
University Geology Studies v. 27, pt. 2, p. 85-103, fig. 4. Scale: 24000
Latitude: N: 372646 S: 372320 Longitude: W 1140000 E: 1135705

1432 Morris, S.K., 1980, The geology and ore deposits of Mineral Mountain, Washington County, Utah, Provo,
Utah, Brigham Young University M.S. thesis . Scale: 12000
Latitude: N: 372630 S: 372330 Longitude: W 1140000 E: 1135700

975 Nielson, R.L., 1976, The geomorphic evolution of the Crater Hill volcanic field of Zion National Park, Provo,
Utah, Brigham Young University M.S. thesis . Scale: 47000
Latitude: N: 371230 S: 371000 Longitude: W 1131000 E: 1130330

1027 Nielson, R.L., 1977, The geomorphic evolution of the Crater Hill volcanic field of Zion National Park, Brigham
Young University Geology Studies v. 24, pt. 1, p. 55-70, fig. 32. Scale: 47000
Latitude: N: 371230 S: 371000 Longitude: W 1131000 E: 1130330

1096 Nielson, R.L.; Johnson, J.L., 1979, The Timpoweap Member of the Moenkopi Formation, Timpoweap Canyon,
Utah, Utah Geological and Mineral Survey Utah Geology v. 6, no. 1, p. 17-28, fig. 2. Scale: 35000

Latitude: N: 371300 S: 371030 Longitude: W 1131630 E: 1131200

138 Orkild, P.P., 1957, Photogeologic map of the Rainbow Point SW [Deer Spring Point] quadrangle, Kane County,
Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-257. Scale: 24000

Latitude: N: 372230 S: 371500 Longitude: W 1121500 E: 1120730

136 Pillmore, C.L., 1956, Photogeologic map of the Kanab SW [Yellowjacket Canyon] quadrangle, Kane County,
Utah, and Mohave County, Arizona, U.S. Geological Survey Miscellaneous Investigations Series Map I-138.
Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1124500 E: 1123730

129 Pillmore, C.L., 1956, Photogeologic map of the Orderville Canyon NW [Cogswell Point] quadrangle, Kane and
Washington Counties, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-188.
Scale: 24000
Latitude: N: 373000 S: 372230 Longitude: W 1130000 E: 1125230

131 Pillmore, C.L., 1956, Photogeologic map of the Springdale NE [The Barracks] quadrangle, Kane County, Utah,
U.S. Geological Survey Miscellaneous Investigations Series Map I-148. Scale: 24000
Latitude: N: 371500 S: 370730 Longitude: W 1125230 E: 1124500

132 Pillmore, C.L., 1956, Photogeologic map of the Springdale SE [Elephant Butte] quadrangle, Kane

County, Utah,
U.S. Geological Survey Miscellaneous Investigations Series Map I-131. Scale: 24000

Latitude: N: 370730 S: 370000 Longitude: W 1125230 E: 1124500

Ref#

130 Pillmore, C.L., 1956, Photogeologic map of the Springdale SW [Hildale] quadrangle, Kane and Washington Counties, Utah, and Mohave County, Arizona, U.S. Geological Survey Miscellaneous Investigations Series Map I-132. Scale: 24000

Latitude: N: 370730 S: 370000 Longitude: W 1130000 E: 1125230

128 Pillmore, C.L., 1956, Photogeologic map of the Virgin SE [Smithsonian Butte] quadrangle, Washington County, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-179. Scale: 24000

Latitude: N: 370730 S: 370000 Longitude: W 1130730 E: 1130000

1804 Poehlmann, E.J.; King, E.N., 1953, Report on wagon drilling for uranium in the Silver Reef (Harrisburg) district, Washington County, Utah, U.S. Atomic Energy Commission RME 2004, pt. 1, 24 p., fig. 1. Scale: 180000

Latitude: N: 372100 S: 370500 Longitude: W 1133645 E: 1131520

1805 Poehlmann, E.J.; King, E.N., 1953, Report on wagon drilling for uranium in the Silver Reef (Harrisburg) district, Washington County, Utah, U.S. Atomic Energy Commission RME 2004, pt. 1, 24 p., fig. 2A. Scale: 33000

Latitude: N: 371530 S: 371330 Longitude: W 1132320 E: 1131945

139 Pomeroy, J.S., 1957, Photogeologic map of the Rainbow Point SE [Deer Range Point] quadrangle, Kane County, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-258. Scale: 24000

Latitude: N: 372230 S: 371500 Longitude: W 1120730 E: 1120000

366 Pomeroy, J.S., 1958, Photogeologic map of the Johnson NW [Cutler Point] quadrangle, Kane County, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-267. Scale: 24000

Latitude: N: 371500 S: 370730 Longitude: W 1123000 E: 1122230

878 Proctor, P.D., 1949, Geology of the Harrisburg (Silver Reef) mining district, Washington County, Utah, Bloomington, Indiana University Ph.D. dissertation 169 p.. Scale: 31680

Latitude: N: 371600 S: 370930 Longitude: W 1132630 E: 1131930

1102 Proctor, P.D., 1953, Geology of the Silver Reef (Harrisburg) mining district, Washington County, Utah, Utah Geological and Mineralogical Survey Bulletin 44, 169 p., pl. 1. Scale: 65000

Latitude: N: 371600 S: 370930 Longitude: W 1132630 E: 1131930

866 Purcell, F.A., Jr., 1961, The geology of the western half of the Hurricane quadrangle, Utah, Los Angeles, University of Southern California M.A. thesis 143 p.. Scale: 48000

Latitude: N: 371500 S: 370000 Longitude: W 1133000 E: 1132230

940 Reber, S.J., 1951, Stratigraphy and structure of the south-central and northern Beaver Dam Mountains, Utah, Sigma Gamma Epsilon Compass v. 29, no. 1, p. 81-88. Scale: 187500

Latitude: N: 371500 S: 370500 Longitude: W 1140000 E: 1134500

701 Reber, S.J., 1951, Stratigraphy and structure of the south-central and northern Beaver Dam Mountains, Washington County, Utah, Provo, Utah, Brigham Young University M.S. thesis 68 p., pl. 1. Scale: 35000

Latitude: N: 371500 S: 370500 Longitude: W 1140000 E: 1134500

1699 Reber, S.J., 1952, in Thune, H.W., editor, Cedar City, Utah to Las Vegas, Nevada Precambrian exposures in

southwest Utah, southeast Nevada, and northwest Arizona, Intermountain Association of Petroleum Geologists Guidebook Seventh Annual Field Conference, p. 43-44, pl. 1. Scale: 55000

Latitude: N: 371500 S: 370000 Longitude: W 1140000 E: 1134500

Ref#

1254 Robison, R.A., 1966, Geology and coal resources of the Tropic area, Garfield County, Utah, Utah Geological and Mineralogical Survey Special Studies 18, 47 p., pl. 1. Scale: 49000
Latitude: N: 374500 S: 373230 Longitude: W 1120700 E: 1115230

860 Rowley, P.D., 1975, Geologic map of the Enoch NE quadrangle, Iron County, Utah, U.S. Geological Survey Geologic Quadrangle Map GQ-1301. Scale: 24000
Latitude: N: 380000 S: 375230 Longitude: W 1130730 E: 1130000

356 Rowley, P.D., 1975, Geologic map of the Enoch NE quadrangle, Iron County, Utah, U.S. Geological Survey Geologic Quadrangle Map GQ-1301. Scale: 24000
Latitude: N: 380000 S: 375230 Longitude: W 1130730 E: 1130000

360 Rowley, P.D., 1976, Geologic map of the Enoch NW quadrangle, Iron County, Utah, U.S. Geological Survey Geologic Quadrangle Map GQ-1302. Scale: 24000
Latitude: N: 380000 S: 375230 Longitude: W 1131500 E: 1130730

1372 Rowley, P.D.; Barker, D.S., 1978, in Shawe, D.R., editor, Guidebook to mineral deposits of southwestern Utah Geology of the Iron Springs mining district, Utah, Utah Geological Association Publication 7, p. 49-58, fig. 1.
Scale: 141000
Latitude: N: 375000 S: 373500 Longitude: W 1132500 E: 1131000

1447 Rowley, P.D.; Hereford, Richard; Williams, V.S., 1987, Geologic map of the Adams Head-Johns Valley area, southern Sevier Plateau, Garfield County, Utah, U.S. Geological Survey Miscellaneous Investigations Series Map I-1798. Scale: 50000
Latitude: N: 380000 S: 374500 Longitude: W 1121500 E: 1120000

361 Rowley, P.D.; Threet, R.L., 1976, Geologic map of the Enoch quadrangle, Iron County, Utah, U.S. Geological Survey Geologic Quadrangle Map GQ-1296. Scale: 24000
Latitude: N: 375230 S: 374500 Longitude: W 1130730 E: 1130000

2101 Sable, E.G., 1993, Interim geologic map of the Hildale quadrangle, Washington and Kane Counties, Utah, and Mohave County, Arizona, Utah Geological Survey Open-File Report 298, 38 p., pl. 1. Scale: 24000

Latitude: N: 370730 S: 370000 Longitude: W 1130000 E: 1125230

2302 Sable, E.G., 1995, Geologic map of the Hildale quadrangle, Washington and Kane Counties, Utah, and Mohave County, Arizona, Utah Geological Survey Map 167, 14 p., pl. 1. Scale: 24000
Latitude: N: 370730 S: 370000 Longitude: W 1130000 E: 1125230

1930 Sable, E.G.; Doelling, H.H., 1990, Geologic map of the Elephant Butte quadrangle, Kane County, Utah, and Mohave County, Arizona, Utah Geological and Mineral Survey Map 126, 10 p., pl. 1. Scale: 24000

Latitude: N: 370730 S: 370000 Longitude: W 1125230 E: 1124500

1974 Sable, E.G.; Doelling, H.H., 1990, Geology of the The Barracks quadrangle, Kane County, Utah, Utah Geological and Mineral Survey Open-File Report 196, 29 p.. Scale: 24000
Latitude: N: 371500 S: 370730 Longitude: W 1125230 E: 1124500

2138 Sable, E.G.; Doelling, H.H., 1993, Geologic map of The Barracks quadrangle, Kane County, Utah, Utah Geological Survey Map 147, 11 p., pl. 1. Scale: 24000

Latitude: N: 371500 S: 370730 Longitude: W 1125230 E: 1124500

1989 Sable, E.G.; Hereford, Richard, 1989, Preliminary geologic map of the Kanab 30'x 60' quadrangle, Utah and Arizona, U.S. Geological Survey Open-File Report OF 90-542. Scale: 100000

Latitude: N: 373000 S: 370000 Longitude: W 1130000 E: 1120000

Ref#

1123 Sargent, K.A.; Philpott, B.C., 1985, Geologic map of the Johnson quadrangle, Kane County, Utah, and Coconino County, Arizona, U.S. Geological Survey Geologic Quadrangle Map GQ-1602. Scale: 62500

Latitude: N: 371500 S: 370000 Longitude: W 1123000 E: 1121500

1122 Sargent, K.A.; Philpott, B.C., 1987, Geologic map of the Kanab quadrangle, Kane County, Utah, Mohave and Coconino Counties, Arizona, U.S. Geological Survey Geologic Quadrangle Map GQ-1603. Scale: 62500

Latitude: N: 371500 S: 370000 Longitude: W 1124500 E: 1123000

2248 Schramm, M.E., 1994, Structural analysis of the Hurricane fault in the transition zone between the Basin and Range Province and the Colorado Plateau, Washington County, Utah [northern part], Las Vegas, University of Nevada M.S. thesis 90 p., pl. 1(A). Scale: 12000

Latitude: N: 372000 S: 371500 Longitude: W 1132050 E: 1131340

2249 Schramm, M.E., 1994, Structural analysis of the Hurricane fault in the transition zone between the Basin and Range Province and the Colorado Plateau, Washington County, Utah [southern part], Las Vegas, University of Nevada M.S. thesis 90 p., pl. 1(B). Scale: 12000

Latitude: N: 371500 S: 371200 Longitude: W 1131730 E: 1131320

2250 Schramm, M.E., 1994, Structural analysis of the Hurricane fault in the transition zone between the Basin and Range Province and the Colorado Plateau, Washington County, Utah, Las Vegas, University of Nevada M.S. thesis 90 p., fig. 10. Scale: 50000

Latitude: N: 372015 S: 371255 Longitude: W 1132120 E: 1131320

2199 Shubat, M.A.; McIntosh, S.W., 1987, Geologic map of the Antelope Range mining district, Iron County, Utah, Utah Geological and Mineral Survey Open-File Report 104, 73 p., pl. 1. Scale: 47000

Latitude: N: 374700 S: 373940 Longitude: W 1133200 E: 1132500

1468 Shubat, M.A.; McIntosh, S.W., 1988, Geology and mineral potential of the Antelope Range mining distict, Iron County, Utah, Utah Geological and Mineral Survey Bulletin 125, 26 p., pl. 1. Scale: 24000

Latitude: N: 374615 S: 373935 Longitude: W 1133045 E: 1132415

2198 Shubat, M.A.; Siders, M.A., 1986, Geologic map of the Silver Peak quadrangle, Iron County, Utah, Utah Geological and Mineral Survey Open-File Report 99, 43 p.. Scale: 24000

Latitude: N: 374500 S: 373730 Longitude: W 1133000 E: 1132230

1454 Shubat, M.A.; Siders, M.A., 1988, Geologic map of the Silver Peak quadrangle, Iron County, Utah, Utah Geological and Mineral Survey Map 108, 13 p., pl. 1. Scale: 24000

Latitude: N: 374500 S: 373730 Longitude: W 1133000 E: 1132230

2179 Siders, M.A., 1972, Preliminary report on the Beryl Junction quadrangle, Iron County, Utah, Utah Geological and Mineral Survey Open-File Report 62, 18 p.. Scale: 24000

Latitude: N: 374500 S: 373730 Longitude: W 1134500 E: 1133730

1459 Siders, M.A., 1985, Geologic map of the Beryl Junction quadrangle, Iron County, Utah, Utah Geological and Mineral Survey Map 85, 11 p.. Scale: 24000

Latitude: N: 374500 S: 373730 Longitude: W 1134500 E: 1133730

1458 Siders, M.A., 1985, Geologic map of the Pinon Point quadrangle, Iron County, Utah, Utah Geological and
Mineral Survey Map 84, 12 p., pl. 1. Scale: 24000
Latitude: N: 374500 S: 373730 Longitude: W 1135230 E: 1134500

2178 Siders, M.A., 1985, Preliminary report on the Pinon Point quadrangle, Iron County, Utah, Utah Geological and
Mineral Survey Open-File Report 61, 28 p.. Scale: 24000
Latitude: N: 374500 S: 373730 Longitude: W 1135230 E: 1134500

Ref#

2029 Siders, M.A., 1991, Geologic map of the Mount Escalante quadrangle, Iron County, Utah, Utah Geological and Mineral Survey Map 131, 9 p., pl. 1. Scale: 24000
Latitude: N: 374500 S: 373730 Longitude: W 1140000 E: 1135230

1931 Siders, M.A.; Rowley, P.D.; Shubat, M.A.; Christenson, G.E.; Galyardt, G.L., 1990, Geologic map of the Newcastle quadrangle, Iron County, Utah, U.S. Geological Survey Geologic Quadrangle Map GQ-1690. Scale: 24000
Latitude: N: 374500 S: 373730 Longitude: W 1133730 E: 1133000

697 Stouffer, S.G., 1964, Landslides in the Coal Hill area, Kane County, Utah, Salt Lake City, University of Utah M.S. thesis 102 p.. Scale: 6000
Latitude: N: 371700 S: 371430 Longitude: W 1124800 E: 1124500

2560 Stover, C.W.; Reagor, B.G.; Algermissen, S.T., 1986, Seismicity map of the state of Utah, U.S. Geological Survey Miscellaneous Field Studies Map MF-1856. Scale: 1000000
Latitude: N: 420000 S: 370000 Longitude: W 1140300 E: 1090300

2611 Stringham, B.F.; Temple, D.C., 1961, Geologic map of the Precambrian rocks in the Beaver Dam Mountains, unpublished map Q-62. Scale: 42240
Latitude: N: 371500 S: 370400 Longitude: W 1135800 E: 1134800

1436 Stugard, Frederick, Jr., 1951, Uranium resources in the Silver Reef (Harrisburg) district, Washington County, Utah, U.S. Geological Survey Open-File Report (also released as Trace Elements Memorandum Report) unnumbered, (TEM 214, pl. 2). Scale: 4560
Latitude: N: 371400 S: 371300 Longitude: W 1132030 E: 1132000

1067 Stugard, Frederick, Jr., 1951, Uranium resources in the Silver Reef (Harrisburg) district, Washington County, Utah, U.S. Geological Survey Trace Elements Memorandum Report 214, 45 p., fig. 2. Scale: 1800
Latitude: N: 371400 S: 371300 Longitude: W 1132030 E: 1132000

118 Stugard, Frederick, Jr., 1951, Uranium resources in the Silver Reef (Harrisburg) district, Washington County, Utah, U.S. Geological Survey Trace Elements Memorandum Report 214, 45 p., pl. 1. Scale: 31680
Latitude: N: 371600 S: 370900 Longitude: W 1132600 E: 1132000

873 Thomas, H.E., 1947, Geology of Cedar City and Parowan Valleys, Iron County, Utah, Chicago, Illinois, University of Chicago Ph.D. dissertation . Scale: 63360
Latitude: N: 380330 S: 373130 Longitude: W 1131500 E: 1123900

1425 Thomas, H.E.; Taylor, G.H., 1946, Geology and ground-water resources of Cedar City and Parowan Valleys, Iron County, Utah, U.S. Geological Survey Water Supply Paper W-993, 210 p., pl. 3. Scale: 63360
Latitude: N: 380330 S: 373130 Longitude: W 1131500 E: 1123900

727 Threet, R.L., 1952, Geology of the Red Hills area, Iron County, Utah, Seattle, University of Washington Ph.D. dissertation 107 p.. Scale: 62500
Latitude: N: 380200 S: 374600 Longitude: W 1130200 E: 1124830

1710 Threet, R.L., 1952, in Heylmun, E.B., editor, Guidebook to the geology of southwestern Utah--transition between Basin-Range and colorado Plateau provinces Detailed geologic map of Parowan Gap and vicinity,
Iron County, Utah, Intermountain Association of Petroleum Geologists Guidebook Twelfth Annual Field Conference, p. 136-145, fig. 2. Scale: 44000

Latitude: N: 375500 S: 375000 Longitude: W 1130500 E: 1125500

Ref#

1176 Threet, R.L., 1958, Crater Hill lava flow, Zion National Park, Geological Society of America Bulletin v. 69, p. 1065-1070, fig. 1. Scale: 70600
Latitude: N: 371330 S: 371000 Longitude: W 1131000 E: 1130300

1709 Threet, R.L., 1963, in Heylmun, E.B., editor, Guidebook to the geology of southwestern Utah--transition between Basin-Range and Colorado Plateau provinces Geologic map of the Parowan Gap area (Red Hills area), Iron County, Utah, Intermountain Association of Petroleum Geologists Guidebook Twelfth Annual Field Conference, p. 136-145, fig. 1. Scale: 100000
Latitude: N: 380500 S: 374500 Longitude: W 1130500 E: 1124800

2052 Tilton, T.L., 1991, Provisional geologic map of the Alton quadrangle, Kane County, Utah, Utah Geological and Mineral Survey Contract Report 91-1, 46 p., pl. 1. Scale: 24000
Latitude: N: 373000 S: 372230 Longitude: W 1123000 E: 1122230

2038 Tilton, T.L., 1991, Provisional geologic map of the Podunk Creek quadrangle, Kane County, Utah, Utah Geological and Mineral Survey Contract Report 91-2, 46 p., pl. 1. Scale: 24000
Latitude: N: 373000 S: 372230 Longitude: W 1122230 E: 1121500

2410 Tilton, T.L., 1991, Upper Cretaceous stratigraphy [geologic map] of the southern Paunsaugunt Plateau, Kane County, Utah, Salt Lake City, University of Utah Ph.D. dissertation fig. 23. Scale: 30000
Latitude: N: 373000 S: 372230 Longitude: W 1123000 E: 1121500

2595 Tilton, T.L., 2001, Geologic map of the Podunk Creek quadrangle, Kane County, Utah, Utah Geological Survey Miscellaneous Publication 01-3, 18 p., pl. 1. Scale: 24000
Latitude: N: 373000 S: 372230 Longitude: W 1122230 E: 1121500

2597 Tiolton, T.L., 2001, Geologic map of the Alton quadrangle, Kane County, Utah, Utah Geological Survey Miscellaneous Publication 01-4, 22 p., pl. 1. Scale: 24000
Latitude: N: 373000 S: 372230 Longitude: W 1123000 E: 1122230

794 Tobey, E.F., 1976, Geology of the Bull Valley intrusive-extrusive complex and genesis of associated iron deposits, Eugene, University of Oregon Ph.D. dissertation 324 p.. Scale: 1200
Latitude: N: 373000 S: 372100 Longitude: W 1134830 E: 1134130

1943 Van Loenen, R.E.; Blank, H.R., Jr.; Sable, E.G.; Lee, G.K.; Cook, K.L.; Zelten, J.E., 1989, Mineral resources of the Spring Creek wilderness study area, Iron County, Utah, U.S. Geological Survey Bulletin 1746-F, 15 p., pl. 1. Scale: 24000
Latitude: N: 373440 S: 373000 Longitude: W 1131220 E: 1130625

1503 Van Loenen, R.E.; Sable, E.G.; Blank, H.R., Jr.; Barton, H.N.; Briggs, P.H.; Zelten, J.E., 1989, Mineral resources of eight wilderness study areas bordering Zion National Park, Washington and Kane Counties, Utah, U.S. Geological Survey Bulletin 1746-E, 23 p.. Scale: 24000
Latitude: N: 372740 S: 371700 Longitude: W 1131000 E: 1125130

1482 Van Loenen, R.E.; Sable, E.G.; Blank, H.R., Jr.; Barton, H.N.; Cook, K.L.; Zelten, J.E., 1988, Mineral resources of the Parunuweap Canyon wilderness study area, Kane County, Utah, U.S. Geological Survey Bulletin 1746-B, 18 p., pl. 1. Scale: 50000
Latitude: N: 371645 S: 370710 Longitude: W 1125230 E: 1124030

1481 Van Loenen, R.E.; Sable, E.G.; Blank, H.R., Jr.; Turner, R.L.; Kreidler, T.J.; Zelten, J.E.; Cook, K.L., 1988, Mineral resource potential and geologic map of the Canaan Mountain and the Watchman wilderness study

areas, Washington and Kane Counties, Utah, U.S. Geological Survey Bulletin 1746-A, 21 p., pl. 1.
Scale: 50000

Latitude: N: 371300 S: 370000 Longitude: W 1130600 E: 1125000

Ref#

1309 Wells, F.G., 1938, The origin of the iron ore deposits in the Bull Valley and Iron Springs districts, Utah, Economic Geology v. 33, p. 477-507, fig. 2. Scale: 80700
Latitude: N: 372830 S: 372553 Longitude: W 1134830 E: 1134150

119 Wells, F.G., 1938, The origin of the iron-ore deposits of the Bull Valley and Iron Springs districts, Utah, [Geologic map and section of the Bull Valley district, Utah], Society of Economic Geologists Bulletin v. 33, no. 5, p. 477-507, fig. 2. Scale: 48000
Latitude: N: 372830 S: 372600 Longitude: W 1134800 E: 1134200

1184 Wells, F.G., 1941, The origin of the iron-ore deposits of the Bull Valley and Iron Springs districts, Utah, U.S. Geological Survey Open-File Report OF 41-22. Scale: 24000
Latitude: N: 372800 S: 372500 Longitude: W 1134800 E: 1134300

1772 Wells, L.F.; compiler, 1952, in Thune, H.W., editor, Cedar City, Utah, to Las Vegas, Nevada General geology the corners area, Arizona-Nevada-Utah, Intermountain Association of Petroleum Geologists Guidebook Seventh Annual Field Conference, 165 p., pl. 1. Scale: 500000
Latitude: N: 374230 S: 353400 Longitude: W 1153000 E: 1123000

696 Wiley, M.A., 1963, Stratigraphy and structure of the Jackson Mountain-Tobin Wash area, southwest Utah, Austin, University of Texas M.A. thesis 94 p., pl. 1. Scale: 24000
Latitude: N: 372300 S: 371730 Longitude: W 1135530 E: 1134500

2474 Williamson, A.L., 1988, Geologic map of the Escalante Mine area, Iron County, Utah, Las Cruces, New Mexico State University M.S. thesis pl. 1. Scale: 24000
Latitude: N: 374310 S: 373820 Longitude: W 1134725 E: 1134158

2492 Willis, G.C.; Higgins, J.M., 1995, Interim geologic map of the Washington quadrangle, Washington County, Utah, Utah Geological Survey Open-File Report 324, 90 p., pl. 1. Scale: 24000
Latitude: N: 371500 S: 370730 Longitude: W 1133730 E: 1133000

2411 Willis, G.C.; Higgins, J.M., 1996, Interim geologic map of the Santa Clara quadrangle, Washington County, Utah, Utah Geological Survey Open-File Report 339, 87 p.. Scale: 24000
Latitude: N: 371500 S: 370730 Longitude: W 1134500 E: 1133730

2461 Willis, J.P., 1948, Geologic map and structure sections of the Hurricane cliffs area, Washington County, Utah, Los Angeles, University of Southern California M.S. thesis . Scale: 48000
Latitude: N: 371500 S: 370000 Longitude: W 1132230 E: 1131500

876 Willis, J.P., Jr., 1961, Geology of the eastern portion of the Hurricane quadrangle, Utah, Los Angeles, University of Southern California M.A. thesis 79 p.. Scale: 48000
Latitude: N: 370730 S: 370000 Longitude: W 1132230 E: 1131500

75 Wilson, M.T.; Thomas, H.E., 1964, Hydrology and hydrogeologyof Navajo Lake, Kane County, Utah, U.S. Geological Survey Professional Paper 417-C, 26 p., pl. 1. Scale: 62500
Latitude: N: 374500 S: 372230 Longitude: W 1125500 E: 1123000

1280 Zoldok, S.W.; Wilson, S.R., 1953, Bull Valley iron-ore deposits, Washington County, Utah, U.S. Bureau of Mines Report of Investigation 4948, fig. 2. Scale: 1920
Latitude: N: 372730 S: 372720 Longitude: W 1134630 E: 1134620