

Table 2: Calpine File Summary for Glass Mountain GSY-USA MT-TDEM Project

There are four categories of Calpine files listed.

1. RELEASE: Proprietary data that Calpine will release as its match-share contribution and for which a match-share valuation is claimed.
2. REVIEW: Proprietary reports that Calpine will allow the project investigators to review but will not commit to release. No value is claimed for these.
3. BACKUP: Proprietary data that are probably redundant but may be requested from Calpine if released data is incomplete. No value is claimed for these.
4. PUBLIC: Published data that Calpine will make available to the investigators to assist the project. No value is claimed for these.

Heading Explanations

"File Number, Title, Author, Data, Initial Owner, and Subject," refer to Calpine's GeoLibrary database.

"Description and Number of Data" are from the authors of this study.

Basic production entry locations and rate information will be available from the REVIEW documents and included in the CEC report.

Temperatures will be released in maps and cross-sections but not as well temperature logs.

| File No. | Title | Author | Date | Initial Owner of Data / Origin | Subject | Stations / Description | Data Unit | Number of data |
|-----------|--|---|-----------|--------------------------------|-----------------------|--|-----------|----------------|
| 0 | | | | | | | | |
| 1 | RELEASE: Proprietary data to be released by Calpine as part of its match-share contribution. | | | | | | | |
| 1.1 | | | | | | | | |
| GM 18.02 | Petrographic & Mineralogy Reports and Data for Glass Mtn. Wells | UURI | 1984-1990 | Unocal | Petrography/Petrology | Collected XRD and petrography | see below | |
| GM 18.02a | Letter to A. Schriener: Mineralogy and XRD of 34 pulp samples | UURI, Hulen, J. | 4-Apr-84 | Unocal | Petrography/Petrology | XRD and petrography | see below | |
| GM 18.02b | Letter to A. Schriener: Mineralogy and XRD of 51 pulp samples | UURI, Hulen, J. | 13-Jun-84 | Unocal | Petrography/Petrology | XRD and petrography | see below | |
| GM 18.02c | Analysis of 70 Felsic to Mafic Composition Volcanic Rock Cuttings by XRD | UURI, Hulen, J. | 29-Aug-85 | Unocal | Petrography/Petrology | XRD and petrography | see below | |
| GM 18.02d | Letter to R. Gunderson: XRD Mineralogy of 31 samples from GMF17A-6 | UURI, Hulen, J. | 23-Jan-85 | Unocal | Petrography/Petrology | XRD and petrography | see below | |
| GM 18.02e | Letter to D. Carrier: XRD Mineralogy and Petrology of "6-Series"(GMF17A-6) | UURI, Lutz, S. | 16-Mar-88 | Unocal | Petrography/Petrology | XRD and petrography | see below | |
| GM 18.02f | Letter to D. Carrier: XRD Mineralogy and Petrology of "8-series" (GMF68-8) | UURI, Lutz, S. | 18-Oct-88 | Unocal | Petrography/Petrology | XRD and petrography | see below | |
| GM 18.02g | Letter to D. Carrier: XRD Mineralogy and Petrology of "8-series" (GMF68-8) | UURI, Lutz, S. | 21-Nov-88 | Unocal | Petrography/Petrology | XRD and petrography | see below | |
| GM 18.02h | Letter to D. Carrier: XRD Mineralogy and Petrology of "17-series" (GMF31-17) | UURI, Lutz, S. | 28-Dec-88 | Unocal | Petrography/Petrology | XRD and petrography | see below | |
| GM 18.02i | Letter to R. Gunderson: XRD Mineralogy and Petrology of well 15 (GMF01-15) | UURI, Lutz, S. | 9-Apr-90 | Unocal | Petrography/Petrology | XRD and petrography | see below | |
| GM 18.02j | XRD Compilation: 28-32; 29-1;17A-6; 65-26; 84-17;17-6; 87-13; 57-11;75-6;44-33;36-28; 56-3;51-2;52-30; 54-19;14-23;18-34; 27-27; 62-21;68-16; 86-23;54-19;56-3 | Unocal, Gunderson, R., UURI, Hulen, J. | 1984-1985 | Unocal | Petrography/Petrology | XRD and petrography | samples | >250 |
| GM 19.01 | Hydrothermal Alteration and Well Lithologies for GM Wells (see GM18.02) | Carrier, Daniel L., Unocal | 8-Sep-89 | Unocal | Mineralogy | Edited collection and interpretation of mineralogy and XRD | samples | >90 |

| File No. | Title | Author | Date | Initial Owner of Data / Origin | Subject | Stations / Description | Data Unit | Number of data |
|------------|--|--|------------|--------------------------------|-----------------------|--|-----------------|----------------|
| GM 19.03 | Analysis of Mineralogy & Fluid Inclusion Data/GM Temp. Boreholes | Carrier, Daniel L., Unocal | 30-Nov-87 | Unocal | Mineralogy | Edited collection and interpretation of mineralogy and XRD | samples | >150 |
| GM 19.04 | Fluid Inclusion Studies of Two Samples for a Geothermal System (45-36) | Smith, B. | 4/16/1987 | Unocal | Mineralogy | Fluid inclusion data | inclusions | 2 |
| GM 30.03 | Physical Property Lab Determinations: magnetic susceptibility and bulk density | Elliot, C.L. | 14-Oct-82 | Elliot Geophysical | General Geophysics | Magnetic susceptibility and bulk density | samples | 14 |
| GM 32.02 | Medicine Lake California Gravity Surveys | BRW, Watterson, B. and Brown, P.L. | 1983, 1984 | Occidental | Gravity | Complete Bouguer gravity and total station x,y,z | Gravity station | 386 |
| GM 34.02 | Magnetotelluric Survey, Glass Mountain, California | Geonomics, Lattanner, A.V. & Meidav, Tsvi, Geonomics | 1975 | Union Oil | Magnetotellurics | | MT station | 38 |
| GM 34.04 | Glass Mountain, California Magnetotelluric Data: Report (missing original map, digital data in Master File format available) | Wodward-Clyde | Sep-81 | Unocal | Magnetotellurics | WC 01-22 | MT station | 22 |
| GM 34.05a | Magnetotelluric Survey Shasta (vol 1, 2, 3, 4) | Waff, H.-CalEnergy | Aug-83 | CalEnergy | Magnetotellurics | SHAST1 to 46, 48-51, 53, 54, 56 | MT station | 53 |
| GM 34.05b | Magnetotelluric Survey - Glass Mountain | Waff, H.-CalEnergy | Sep-83 | CalEnergy | Magnetotellurics | 27 named stations, one no data | MT station | 26 |
| GM 34.06 | Glass Mountain MT Data | CGG, Andrieux, Pierre | Dec-82 | Union Oil | Magnetotellurics | | MT station | 17 |
| GM 34.07a | Medicine Lake Prospect Siskiyou County, California (Report and map in pocket, digital data in Master File format available) | Phoenix | Nov-89 | Unocal | Magnetotellurics | P 26-49 | MT station | 24 |
| GM 34.07b | Medicine Lake Prospect Siskiyou County, California (digital data in Master File format available) | Phoenix | Nov-89 | Unocal | Magnetotellurics | P 01-25 | MT station | 25 |
| GM 34.07c | Medicine Lake Prospect Siskiyou County, California (digital data in Master File format available) | Phoenix | Nov-86 | Unocal | Magnetotellurics | P 01-17 | MT station | 17 |
| GM 35.06 | Medicine Lake Area, California Schlumberger Electrical Sounding Survey plus 7 maps | Electro Magnetic Surveys, Inc. | Sep-83 | Occidental | Resistivity | GMT1 to GMT17 | DC station | 15 |
| GM 38.01 | Transient Electromagnetic Depth Sounding Test Survey at GM (out-of-loop test with 3 Tx sites 500x500m, 51 Rx) | Electro Magnetic Surveys, Inc. | Aug-82 | Occidental | Time-domain EM | Rx 1 to 51, Tx 1 to 3 | TDEM station | 51 |
| GM 38.01a | TEM Central Induction Sounding, Mt. Shasta, Siskiyou County | Electro Magnetic Surveys, Inc. | Nov-83 | Union Oil | Time-domain EM | 2-5, 7-12, 17-27, 29, 31-39, 57-59, 61-62, 74, 77-87, 89-91, 92-113, 121-139, 141-142, 144-146 | TDEM station | 102 |
| GM 38.05 | TEM Central Induction Sounding Medicine Lake, California | Electro Magnetic Surveys, Inc. | 30-Jan-85 | Occidental | Time-domain EM | ML01 to ML76 | TDEM station | 76 |
| GM 38.06 | TEM Central Induction Sounding Medicine Lake, California | Electro Magnetic Surveys, Inc. | 25-Sep-85 | Santa Fe | Time-domain EM | R1-R17, R19-R24, DR1-DR14 | TDEM station | 37 |
| GM 38.06 | TEM Survey Medicine Lake Highland, California: Report, Attachment A and Map in sleeve | The Earth Technology Corporation | Sep-85 | Unocal | Time-domain EM | Lines 1-1 to 1-17, 2-1 to 2-16, 3-1 to 3-14, 4-1 to 4-18, 5-1 to 5-24, 6-1 to 6-19 | TDEM station | 61 |
| GM 38.07 | TEM Survey Medicine Lake Highland, California: Report, Attachment 1 and Map in sleeve | The Earth Technology Corporation | Sep-86 | Unocal | Time-domain EM | Stations 1 to 61 | TDEM station | 78 |
| GM 38.10 | Geophysical Report: Transient EM (TEM) Surveys at Fourmile Hill | Quantech, Jon Powell | Jul-02 | Calpine | Transient EM | 1 to 38 | TDEM station | 38 |
| GM 38-04 | TEM Central Induction Sounding Glass Mountain Prospect | Electro Magnetic Surveys, Inc. | 15-Jan-85 | Unocal | Time-domain EM | GM01-GM11, GM14-GM41 | TDEM station | 39 |
| GM 45.03 | Thermal conductivity determinations for TGH cores | Southern Methodist Univ | 11-Apr-83 | Union | Thermal Conductivity | | | |
| GM 53.02 | Core Reports - Permeability and Porosity | TerraTek, Inc. | Feb-92 | Unocal | Reservoir Engineering | | | |
| Well files | Core analyses from 11 wells - Permeability, Porosity, Density, Susceptibility | | 1983-2000 | | Well Files | Analyses from 11 wells | Samples | 132 |
| Well files | 17A-6 induction resistivity log | | filed 1985 | Union | Well Files | Induction log | log | 1 |
| Well Files | XRD and MeB for Wells 88-28 and 88-A28 | Calpine, Walters, M. | Jan-02 | Calpine | Well Files | | Samples | 40 |

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2 REVIEW: Proprietary data that Calpine will allow the project investigators to review

2.1

| File No. | Title | Author | Date | Initial Owner of Data / Origin | Subject | Stations / Description | Data Unit | Number of Data |
|-----------|---|----------------------------------|-----------|--------------------------------|------------------------------------|--------------------------|-----------|----------------|
| GM 00.00 | Geolib Index | Walters, M. | 19-May-02 | Calpine | Index | | | |
| GM 00.001 | Excel Well File List: Geological and geochemical data inventory for well and ten | Walters, M. | Mar-02 | Calpine | Inventory | | | |
| GM 00.002 | Excel File GMmaps.xls Resource Map Index | Walters, M. | Feb-02 | Calpine | Index | | | |
| GM 00.02 | Unocal Bibliography List - Medicine Lake/Glass Mountain | Schreiner, A. | Jan-93 | Unocal | Bibliographies | | | |
| GM 00.03 | List of Calpine proprietary reports and data on file at EGL, Salt Lake City, Utah | Hulen, J. | Jan-02 | EGL | Index | | | |
| GM 00.04 | Bibliography of Publications: Geology, Geochemistry and Geophysics | Unocal | 1984 | Unocal | Bibliographies | | | |
| GM 00.05 | EGL Geothermal Sample Laboratory: Glass Mt. Cores and Cuttings Location In | Hulen, J.B. and Langton, D.R. | Mar-02 | EGL | Inventory & Index | | | |
| GM 10.08 | Glass Mountain Field Trip - Unocal Geothermal Division | | 1990 | Union | General Geology | | | |
| GM 11.00M | ML Conceptual Model - Geologic, Geoelectric & Thermal Cross Section - A-A' | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | ML Conceptual Model - Geologic, Geoelectric & Thermal Cross Section - B-B' | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | ML Conceptual Model - Geologic, Geoelectric & Thermal Cross Section - C-C' | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | ML Conceptual Model - Geologic, Geoelectric & Thermal Cross Section - D-D' | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | ML Conceptual Model - Geologic, Geoelectric & Thermal Cross Section - E-E' | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | GMF 29-1, 28-32, 68-8, 87-13, 52-30: Temp. Sec. | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | GMF 86-23, 54-19, 54-19, 62-21, 87-13, 44-13:Temp. Sec. | | | Union | Geol. Maps/Sections | | | |
| GM 11.03 | Evidence Against Inflation Causing Most Medicine Lake Ground Cracks | Vantine, J. | 8-Aug-91 | Unocal | Geol. Maps/Sections | | | |
| GM 12.15M | Recent Thermal Activity | Smith, Kent | 30-Apr-84 | Phillips | Volcanism | | | |
| GM 13.06 | Medicine Lake Stratigraphy- Modoc Plateau Rocks | Smith, Kent | Mar-83 | Phillips | Stratigraphy-Structural Geology | | | |
| GM 14.01 | Baseline Hydrogeology Evaluation Report for Telephone Flat | Iovenitti, J.L. & Hill, Dr. D.G. | 8-Aug-97 | CalEnergy | Ground Water Geology | | | |
| GM 14.04 | What Poorly Permeable Unit Explains the Origin of Medicine Lake, et al | Vantine, J. | 15-Aug-91 | Unocal | Ground Water Geology | | | |
| GM 14.05 | Fourmile Hill Figures | | Aug-98 | Calpine | Ground Water Geology | | | |
| GM 14.11 | Preliminary Hydrologic Evaluation of Medicine Lake Prospect, CA | Gaddis, R.L. | 1985 | Phillips | Ground Water Geology | | | |
| GM 14.12 | Medicine Lake Basin Comprehensive Hydrology Monitoring Plan for Telephone f | CE General and Calpine | Nov-98 | Calpine | Ground Water Geology | | | |
| GM 18.05 | Summary Report of the Geology and Geochemistry of Glass Mt. Geotehraml Re | Carrier, D.L. | Jan-89 | Unocal | Petrography/Petrology/Geochemistry | | | |
| GM 19.02 | Fluid Inclusion Studies on Samples from Glass Mountain | Carrier, Daniel L., Unocal | 20-Dec-89 | Unocal | Mineralogy | Fluid inclusion analysis | | |
| GM 20.01 | Glass Mountain Geochemical - Well 31-17 | | 7-Dec-88 | Unocal | General Geochemistry | | | |
| GM 20.02 | Glass Mountain Geochemical - Well 68-8 | | 1989 | Unocal | General Geochemistry | | | |
| GM 20.03 | Glass Mountain Geochemical - Well 87-13 | | 1989-1991 | Unocal | General Geochemistry | | | |
| GM 20.04 | Geological and Geochemical Results from the 87-13 Deepening | DeWitt, D. | 12-Jun-92 | Unocal | General Geochemistry | | | |
| GM 22.02 | Radon Analysis - Well 68-8 | Kharkar, Dinkar P. | 28-Nov-89 | Thermo Analytical, Inc | Isotopic Geochemistry | | | |
| GM 23.05 | K/Ar Ages for Samples form Medicine Lake, CA | Smith, B. | 1/26/82 | Union | Age Dating | | | |
| GM 24.17 | Whole-Rock Geochemistry for TCH 14-23, 17A-6, 18-34, 27-27, 28-32, 29-1, 45 | Bondar-Clegg | 28-Jan-86 | Bondar-Clegg | Solid Geochemistry | | | |
| GM 24.41M | Soil Gas Mercury Distribution | | 4/30/1984 | Phillips | Solid Geochemistry | | | |
| GM 24.42M | Mercury and Geophysical Anomalies | | 6/12/1984 | Phillips | Solid Geochemistry/Geophysics | | | |
| GM 25.01 | Glass Mountain Chemistry Data | Buck, Cliff | 17-Jan-97 | CalEnergy | Liquid Geochemistry | | | |
| GM 25.02 | Glass Mountain Geochemical Summary Graphs/Tables | Gallup, Darrell L. | 11-Oct-89 | Unocal | Liquid Geochemistry | | | |
| GM 25.03 | Telephone Flat Flow Test Gas and Brine Chemistry | Wright, Melinda | 24-Mar-99 | CalEnergy | Liquid Geochemistry | | | |
| GM 25.04 | Analysis of Chemical Data From 1988 Flowtests of 68-8 and 31-17 | Carrier, Daniel L. | 28-Apr-89 | Unocal | Liquid Geochemistry | | | |
| GM 25.05 | Interpretation of Analytical Results, Thermal and Non-Thermal Waters | Klein, C.W. & Koenig, J.B. | 1977-78 | GeothermEX | Liquid Geochemistry | | | |
| GM 25.06 | Medicine Lake Highland 1983 Spring Geochemical Survey + 1991 Breije Race C | Gallinatti, Barbara C. | 17-Feb-84 | Union | Liquid Geochemistry | | | |
| GM 25.06M | Mt. Shasta - Medicine Lake Spring Sampling - 8/83 | | 5/1/1984 | Union | Liquid Geochemistry | | | |
| GM 25.07 | Preliminary Geochemical Evaluation of first 68-8 test | Crecraft, Harrison | 10-Jun-05 | Unocal | Liquid Geochemistry | | | |
| GM 25.08 | GMF 68-8 Fluid Analyses | Gallup, D.L. and Obando, M.E | 12-Jun-05 | Unocal | Liquid Geochemistry | | | |
| GM 30.01 | Geophysical Interpretation of the Mt. Shasta-Medicine Lake | Nordquist, G.A. | 16-Apr-84 | Union | General Geophysics | | | |
| GM 30.02 | Updated Geophysical Interpretation of the Medicine Lake Volcano | Nordquist, G.A. | 19-Dec-85 | Union | General Geophysics | | | |
| GM 30.05 | Integrated Geophysical and Geological Interpretation of the Glass Mt. Prospect | Nordquist, G. and Thompson, | 20-Jun-90 | Union | General Geophysics | | | |
| GM 31.01 | Medicine Lake Highlands, CA Magnetic Interpretation, Brief and Report | Tronrud, Julie S. | Dec-83 | Occidental | Magnetics | | | |
| GM 32.01M | GMU Area Bouguer Gravity Summary Map-Lease Sale | | 3/1/1983 | Union | Gravity | | | |
| GM 34.03 | 1-D Interpretation of Magnetotelluric Data For Glass Mtn. KGRA | Dickerson, Robert B. | 8-Mar-83 | Unocal | Magnetotellurics | | | |
| GM 36.01 | Crustal Subsidence, Seismicity, and Structure Near Medicine Lake | Dzurisin, Daniel, et al | 1991 | Geophysical Research | Passive Seismics | | | |
| GM 36.05 | Active Faults North of Lassen Volcanic National Park, N. CA | Wills, C.J. | 1-Mar-91 | CDMG | Passive Seismics | | | |
| GM 38.02 | Shasta - Glass Mountain TDEM, Preliminary Report | Nordquist, G.A. | Oct-83 | Union | Time-domain EM | | | |
| GM 38.08 | Interpretation of the 1985 Detailed TDEM Survey in the GM Unit Area | Nordquist, G.A. | 12-Sep-86 | Unocal | Time-domain EM | | | |

| File No. | Title | Author | Date | Initial Owner of Data / Origin | Subject | Stations / Description | Data Unit | Number of data |
|-----------|--|------------------------------|-------------|--------------------------------|---------------------------|------------------------|-----------|----------------|
| GM 39.01 | Crustal Subsidence, Seismicity, and Structure Near Medicine Lake (see GM 36.1) | Dzurisin, Daniel, et al | 1991 | Geophysical Research | Passive Seismics | | | |
| GM 42.02 | Reconnaissance Heat Flow and Geothermal Gradient Survey/Medicine Lake | Blackwell, Dr. David | | OXY Geothermal, Inc. | Temp. Grad. - Heat Holes | | | |
| GM 42.03 | Glass Mountain Borehole and Well Data | Carrier, Daniel L. | 26-Apr-89 | Unocal | Temp. Grad. - Heat Holes | | | |
| GM 42.03b | Glass Mountain Borehole and Well Data | Carrier, Daniel L. | 26-Apr-89 | Unocal | Temp. Grad. - Heat Holes | | | |
| GM 42.04 | Occidental Temperature Gradient Data | Arestad, J. | 1982 - 1984 | Occidental Geotherms | Temp. Grad. - Heat Holes | | | |
| GM 42.05 | Telephone Flat Temperature Depth Data | | 1983 - 1992 | Unocal | Temp. Grad. - Heat Holes | | | |
| GM 45.01 | Thermal Evaluation of Medicine Lake Highland - A Status Report | Bodell, John M. | 20-Feb-86 | Union | Thermal Modeling | | | |
| GM 45.02 | Interpretation of 1990 Glass Mountain Production Well Temperature Surveys and | Thompson, Randy | 2-Nov. 1990 | Union | Temp. Grad. - Heat Holes | | | |
| GM 45.04 | Elevation of 150 degF Isotherm vs. Distance from Caldera Rim | Beall, Joe | | Phillips | Temp. Isotherms | | | |
| GM 45.04M | Isothermal X-Sections at Medicine Lake | Beall, Joe | 1988 | Phillips | Temp. Isotherms | | | |
| GM 53.01 | Miscellaneous Unocal Reservoir Documents for Glass Mountain | | 1990 - 1996 | Unocal | Reservoir Engineering | | | |
| GM 53.04 | Glass Mountain Well Evaluation - Report to the BLM (68-8 and 31-17) | | Dec-88 | Union | Reservoir Engineering | | | |
| GM 53.07 | 1989 Test Results : GFM 31-17, 68-8, 83-17): Submittal to BLM | Camille, D. | 5-Dec-89 | Unocal | Reservoir Engineering | | | |
| GM 53.08 | Glass Mt. Unit: Geologic and Reservoir Evaluation | | 15-Aug-96 | CalEnergy | Reservoir Engineering | | | |
| GM 53.10 | Final Report: Medicine Lake Deep Test 17A-6 | Smith, K.W. | 30-Apr-85 | Phillips | Reservoir Engineering | | | |
| GM 54.00M | GMFU Area Environmental Resource Map | | 5/17/1991 | Union | Environmental Engineering | | | |
| GM 54.00M | GMFU Environmental Resources Map | | | Calpine | Environmental Engineering | | | |
| GM 90.00M | BLM Management Areas in ML region: Tule Lake, CA - OR | | 5/28/2005 | BLM | Planning | | | |
| GM 90.08 | Telephone Flat Well Pad Planning Documents for FEIR/FEIS and POO | EMA, CE, and D. McClain | Dec-97 | CE/EMA | General Planning | | | |
| GM 91.01 | Glass Mountain Wells & TCH Status | Stark, Mitch & Walters, Mark | 1996-2001 | Calpine | Expl./Dev. Plans | | | |

3 BACKUP: data that are probably redundant but may be requested if needed

| File No. | Title | Author | Date | Initial Owner of Data / Origin | Subject | Stations / Description | Data Unit | Number of data |
|-----------|--|-----------------------------|--------------|--------------------------------|-----------------------|------------------------|-----------|----------------|
| GM 11.00M | Geologic Map of Medicine Lake Highlands | | 2/1/1984 | Cal Energy | Geol. Maps/Sections | | | |
| GM 11.00M | Medicine Lake Well Locations - Structure/Tectonics | | 2/1/1983 | Cal Energy | Geol. Maps/Sections | | | |
| GM 11.00M | GMF 17A-6: Geologic Section | | 11/24/1987 | Union | Geol. Maps/Sections | | | |
| GM 11.00M | GMF 17A-6, 31-17, 68-8: Geologic Section | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | GMF 17A-6, 31-17, 68-8: Geologic Section | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | GMF 17A-6, 28-32, 44-33: Geologic Section | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | GMF 68-8: Geologic Section w/ alteration mineralogy | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | GMF 31-17: Geologic Section w/ alteration and mineralogy | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | GMF 68-8: Geologic Section w/ alteration mineralogy | | | Union | Geol. Maps/Sections | | | |
| GM 11.00M | GMF 29-1, 28-32, 68-8, 87-13, 52-30: Geol. Sec. w/alt.min. | | | Union | Geol. Maps/Sections | | | |
| GM 11.01M | Geologic Map of the Medicine Lake Highland | | 4/1/1984 | Brian Hausback - Unocal | Geol. Maps/Sections | | | |
| GM 11.01M | Geologic Map of Medicine Lake | | 3/1/1984 | Union | Geol. Maps/Sections | | | |
| GM 11.04 | Geologic Mapping: Medicine Lake Highlands, California | Koestel, M. | 1-Feb-84 | Union | Geol. Maps/Sections | | | |
| GM 11.05M | Generalized Geology of the Glass Mtn. Unit Area | | Rev. 3/12/83 | Union | Geol. Maps/Sections | | | |
| GM 11.05M | Glass Mt. Geologic Map | | 12/1/1983 | Union | Geol. Maps/Sections | | | |
| GM 11.05M | Glass Mountain Surface Geology Map | | | Unocal | Geol. Maps/Sections | | | |
| GM 13.02 | Structural Assessment of Medicine Lake Highland | McDannel, A. and Bodell, J. | 11-Oct-85 | Union | Structural Geology | | | |
| GM 13.04 | Glass Mountain Borehole and Well Data, 1981 - 1988 | Carrier, D.L. | Apr-89 | Unocal | Structural Geology | | | |
| GM 16.11 | Color Infrared Prints for Salton Sea and Medicine Lake | | 16-Nov-87 | NASA | Remote Sensing | | | |
| GM 16.12 | Regional Color Infrared, Medicine Lake | | | | Remote Sensing | | | |
| GM 16.13 | Glass Mountain Aerial Photographs | Schriener, Alexander, Jr. | 9-Feb-93 | Unocal | Remote Sensing | | | |
| GM 16.15 | Glass Mountain Color Photos | | 1984 | USDA | Remote Sensing | | | |
| GM 16.16 | Glass Mountain Color Photos | | 1990 | USDA | Remote Sensing | | | |
| GM 16.17M | Medicine Lake, Glass Mtn., Mt Shasta: Satellite | | 7/4/1973 | NASA | Remote Sensing | | | |
| GM 16.17M | Orthophoto: Medicine Lake NG - 7.5 Minute Series | | 5/28/2005 | USGS | Remote Sensing | | | |
| GM 16.19 | Uncontrolled Photo Mosaic (1:24,000) of Medicine Lake Highlands | Chevron Resources/Ch2MHill | 9/30/1980 | | Remote Sensing | | | |
| GM 18.01 | Origin of Andesite and Dacite: The Petrographic and Chemical Evidence | Eichelberger, John C. | 1983 | Unocal | Petrography/Petrology | | | |
| GM 22.01 | Isotope Geochemistry Lab Data & Whole-Rock O-18 plots in wells and TGH's | | 1989 - 1992 | | Isotopic Geochemistry | | | |
| GM 31.00M | Aeromagnetics Contour Map | | | Union | Magnetics | | | |

| File No. | Title | Author | Date | Initial Owner of Data / Origin | Subject | Stations / Description | Data Unit | Number of data |
|-----------|---|-----------------|----------------|--------------------------------|------------------|------------------------|------------|----------------|
| GM 31.00M | Glass Mountain Flight Path Recovery | | | EG&G Geometrics | Magnetics | | | |
| GM 31.00M | Glass Mountain Residual Magnetic Intensity | | | EG&G Geometrics | Magnetics | | | |
| GM 32.00M | Medicine Lake Gravity - Topo | | 2/1/1983 | Cal Energy | Gravity | | | |
| GM 32.01 | Bouguer Gravity Map of California (Glass Mountain Area) | | 1967-1983 | Union | Gravity | | | |
| GM 32.01M | Glass Mountain Bouguer Gravity | | 3/8/1983 | Union | Gravity | | | |
| GM 32.01M | Glass Mountain Complete Bouguer Gravity | | 3/8/1983 | Union | Gravity | | | |
| GM 32.01M | Glass Mountain Complete Bouguer Gravity | | 7/5/1983 | Union | Gravity | | | |
| GM 32.03 | Glass Mountain Gravity Survey | | 1985 | Union Oil | Gravity | | | |
| GM 32.03M | Glass Mountain Complete Bouguer Gravity, (Microbarometric heighting files plus Wheeler, D.A., Union | | 6/8/2005 | Union | Gravity | | | |
| GM 32.03M | Glass Mountain Complete Bouguer Gravity Map | | 2/13/1986 | Unocal | Gravity | | | |
| GM 34.00M | Glass Mountain MT Sites-1983 | | 9/83 Rev. 3/81 | Cal Energy | Magnetotellurics | | | |
| GM 34.00M | Medicine Lake Mountain Magnetotelluric Sites - 1983 | | Rev. 3/88 | Cal Energy | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain MT Locations | | 11/1/1983 | Union | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Prospect - MT Stations | | 10/1/1989 | Unocal | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Prospect MT Station Locations | | 10/1/1989 | Unocal | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Smooth Apparent Resistivity at .01 Hz | | 12/10/1982 | Union | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Smooth Apparent Resistivity at .03 Hz | | 2/29/1984 | Union | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Smooth Apparent Resistivity at .1 Hz | | 12/10/1982 | Union | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Smooth Apparent Resistivity at .3 Hz | | 2/29/1984 | Union | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Smooth Apparent Resistivity at 1 Hz | | 12/10/1982 | Union | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Prospect MT: 1 HZ contour | | 3/1/1983 | Union | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Smooth Apparent Resistivity at 3 Hz | | 2/29/1984 | Union | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Smoothed Apparent Resistivity at 3 Hz | | 2/29/1984 | Union | Magnetotellurics | | | |
| GM 34.00M | GM Smoothed Apparent Resistivity at 10 Hz | | 12/10/1982 | Union | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Smooth Apparent Resistivity at 30 Hz | | 12/9/1982 | Union | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Smooth Apparent Resistivity at 30 Hz | | 12/10/1982 | Union | Magnetotellurics | | | |
| GM 34.00M | Medicine Lake MT Sites - 1983 | | 2/1/1983 | Cal Energy | Magnetotellurics | | | |
| GM 34.00M | Medicine Lake Prospect Resistivity #1 | | 7/1/1985 | Cal Energy | Magnetotellurics | | | |
| GM 34.00M | Medicine Lake Prospect Resistivity #2 | | 7/1/1985 | Cal Energy | Magnetotellurics | | | |
| GM 34.00M | Glass Mountain Smoothed Apparent Resistivity @ 3 Hz | | 2/11/1983 | Union | Time-domain EM | | | |
| GM 34.07 | Glass Mountain Prospect Magnetotelluric Bostick Resistivities | Unocal | Oct-89 | Unocal | Magnetotellurics | | MT station | |
| GM 34.07M | GM Magnetotelluric Station Locations, Bostick Resistivity - Depth 6,000 Feet | | 10/1/1989 | Unocal | Magnetotellurics | | | |
| GM 34.07M | GM Total Conductance to Depth of 5,000 Feet | | 10/1/1989 | Unocal | Magnetotellurics | | | |
| GM 34.07M | GM MT Bostick Resistivity Depth of 5,000 Feet | | 10/1/1989 | Unocal | Magnetotellurics | | | |
| GM 35.00M | GM - Location of Transient EM Soundings - 1984 | | 6/6/2005 | Union | Resistivity | | | |
| GM 35.00M | Mt. Shasta HEM Survey 1040 Hz Log10 Resistivity (OHM-Meter) | | | Union | Resistivity | | | |
| GM 35.01 | Glass Mountain Prospect-Total Conductance to a Depth of 5000 ft. | | Oct-89 | Unocal | Resistivity | | | |
| GM 35.01M | Glass Mtn. Prospect, TDEM: Bostick Resistivity | | 10/1/1989 | Unocal | Time-domain EM | | | |
| GM 35.01M | GM Prospect, Total Conductance to a Depth of 5,000 feet | | 6/1/1983 | Unocal | Resistivity | | | |
| GM 35.02 | Glass Mountain HEM/Magnetic Survey - Preliminary Rpt. | Nordquist, G.A. | Aug-83 | Union | Resistivity | | | |
| GM 35.02M | Mt. Shasta - Glass Mtn. Area - Flight Path Map | | 7/1/1983 | Geoterrex for Union | Magnetics | | | |
| GM 35.02M | Mt. Shasta - Glass Mtn. Area - Isomagnetic Contour Map | | 7/1/1983 | Geoterrex for Union | Magnetics | | | |
| GM 35.02M | Mt. Shasta - GM Area - 1040 Hz Resistivity Contour Map | | 7/1/1983 | Geoterrex for Union | Resistivity | | | |
| GM 35.02M | Mt. Shasta - Glass Mtn. Area - Isomagnetic Contour Map | | 7/1/1983 | Geoterrex for Union | Magnetics | | | |
| GM 35.02M | Mt. Shasta - Glass Mtn. Area - Flight Path Map | | 7/1/1983 | Geoterrex for Union | Magnetics | | | |
| GM 35.02M | Mt. Shasta - GM Area - 1040 Hz Resistivity Contour Map | | 7/1/1983 | Geoterrex for Union | Resistivity | | | |
| GM 35.02M | Mt. Shasta - Glass Mtn. Area - Isomagnetic Contour Map | | 7/1/1983 | Geoterrex for Union | Magnetics | | | |
| GM 35.02M | Mt. Shasta - Glass Mtn. Area - Flight Path Map | | 7/1/1983 | Geoterrex for Union | Magnetics | | | |
| GM 35.02M | Mt. Shasta - GM Area - 1040 Hz Resistivity Contour Map | | 7/1/1983 | Geoterrex for Union | Resistivity | | | |
| GM 35.02M | Mt Shasta-Glass Mtn. HEM Survey | | 8/1/1983 | Union | Resistivity | | | |
| GM 35.02M | Mt. Shasta - GM HEM Survey | | Rev. 8/84 | Union | Resistivity | | | |
| GM 35.02M | GM Unit Area - 1983 HEM Survey 1040 Hz Resist. Contour Map | | 11/1/1983 | Union | Resistivity | | | |
| GM 35.02M | GM Unit Area - 1983 HEM Survey Isomagnetic Contour Map | | 11/1/1983 | Union | Resistivity | | | |

| File No. | Title | Author | Date | Initial Owner of Data / Origin | Subject | Stations / Description | Data Unit | Number of Data |
|-----------|--|----------------|-----------|--------------------------------|-----------------------|------------------------|-----------|----------------|
| GM 35.02M | GM Unit Area - 1983 HEM Survey Flight Path Map | | 11/1/1983 | Union | Resistivity | | | |
| GM 35.03 | Schlumberger Soundings From Glass Mountain | Wheeler, D.A. | 22-Feb-83 | Union | Resistivity | | | |
| GM 35.03M | Glass Mountain - Smoothed Apparent Resistivity at .3 Hz | | 2/29/1984 | Union | Magnetotellurics | | | |
| GM 35.03M | Glass Mountain - Smoothed Apparent Resistivity at 30 Hz | | 2/29/1984 | Union | Magnetotellurics | | | |
| GM 35.03M | Glass Mountain - Smoothed Apparent Resistivity at 3 Hz | | 2/29/1984 | Union | Magnetotellurics | | | |
| GM 35.03M | Glass Mountain - Smoothed Apparent Resistivity at .03 Hz | | 2/29/1984 | Union | Magnetotellurics | | | |
| GM 35.03M | GM MT & TDEM Depth to Conductor (Meters) | | 3/13/1984 | Union | Time-domain EM | | | |
| GM 35.03M | Shasta - GM TDEM Apparent Resistivity at 2.4 Millisecs. | | 3/1/1984 | Union | Time-domain EM | | | |
| GM 35.03M | GM MT & TDEM - Depth to Conductor (Meters) | | 3/13/1984 | Union | TDEM/MT | | | |
| GM 35.03M | Glass Mountain Schlumberger Soundings Apparent Resistivity | | 2/29/1984 | Union | Resistivity | | | |
| GM 35.03M | GM Schlumberger Soundings Apparent Resistivity | | 2/29/1984 | Union | Resistivity | | | |
| GM 35.03M | GM Schlumberger Soundings Log Apparent Resistivity | | 3/8/1983 | Union | Resistivity | | | |
| GM 38.00M | Mt. Shasta/Medicine Lake TDEM & Mt Survey Base Map | | 2/1/1984 | Union | TDEM/MT | | | |
| GM 38.00M | Medicine Lake TDEM Station Location App. Resist. At 2.22 Msec. | | 4/1/1983 | Union | Time-domain EM | | | |
| GM 38.00M | Shasta - Glass Mtn. Apparent Resistivity @ 2.4 Millisec. | | 3/1/1984 | Union | Time-domain EM | | | |
| GM 38.00M | Shasta - Glass Mtn. Apparent Resistivity @ .22 Millisec. | | 3/1/1984 | Union | Time-domain EM | | | |
| GM 38.00M | Glass Mountain TDEM Station Locations Bostick Resistivity | | 10/1/1989 | Unocal | Time-domain EM | | | |
| GM 38.00M | Glass Mountain TDEM Station Locations | | 10/1/1989 | Unocal | TDEM/MT | | | |
| GM 38.02M | Mt. Shasta - Medicine Lake Area (TDEM) Survey | | 10/1/1983 | Union | Time-domain EM | | | |
| GM 38.02M | Time-Domain EM Survey Station Locations | | 12/1/1983 | Union | Time-domain EM | | | |
| GM 38.07M | Glass Mountain Unit Area - Location of TEM Loops | | | The Earth Technology | Time-domain EM | | | |
| GM 38.08M | GM Prospect TDEM & MT Station Locations-1985 | | 11/1/1983 | Union | TDEM/MT | | | |
| GM 38.08M | Medicine Lake Highlands Fence Diagram Construction from One Dimensional Interpretation of TDEM Soundin | | 9/1/1986 | Union | Time-domain EM | | | |
| GM 45.01M | GM Bottom Hole & Temperature & Gradient Data Map | | Rev 8/90 | Union | Temp. Grad. | | | |
| GM 53.10a | 17A-6 Well Test Report (see well file: Testing/Production) | Potter, R.W. | Jun-85 | Oxy | Reservoir Engineering | | | |
| GM 55.06 | Medicine Lake Geothermal Core flow Tests-Formation Damage Evaluation | Kalfayan, L.J. | Jan-92 | Unocal | Drilling Engineering | | | |
| GM 55.07 | GMF 68-8 Drilling and Completion: Factors affecting Flow Rate | Walters, M. | 2-May | Calpine | Drilling Engineering | | | |
| GM 55.09 | GMF 31-17 Drilling and Completion: Factors affecting Flow Rate | Walters, M. | 2-Jul | Calpine | Drilling Engineering | | | |
| GM 55.10 | GMF 87-13 Drilling and Completion: Factors affecting Flow Rate | Walters, M. | 2-Aug | Calpine | Drilling Engineering | | | |

4 PUBLIC: non-proprietary information that Calpine will make available to the investigators

| File No. | Title | Author | Date | Initial Owner of Data / Origin | Subject | Stations / Description | Data Unit | Number of Data |
|-----------|---|----------------------------------|-----------|--------------------------------|-----------------------|------------------------|-----------|----------------|
| GM 00.01 | Geophysical Studies | Bacon, C.R. | Jan-81 | USGS | Bibliographies | | | |
| GM 01.03 | Geochemistry of Three Cascade Volcanoes | Swenson, D.H. | Nov-93 | N/A | Regional G.M. Reports | | | |
| GM 01.04 | A Regional Magnetotelluric Survey of the Cascade Range Region | Stanley, W.D. | 1981 | USGS | Regional G.M. Reports | | | |
| GM 01.05 | Resource Appraisal of the Mt. Shasta Wilderness Study Area | Christiansen, R.L. et al | 29-Apr-77 | USGS | Regional G.M. Reports | | | |
| GM 01.06 | Reconn. Study of the Geothermal Resources of Modoc County, CA | Duffield, W.A. & Fournier, R.O | Feb-74 | USGS | Regional G.M. Reports | | | |
| GM 01.07 | Isotope Hydrology of cold springs in fractured rock-NE California | Rose, T.P., et al | Jun-95 | Elservier | Regional G.M. Reports | | | |
| GM 01.09 | Medicine Lake Volcano and Lava Beds National Monument, CA | Donnelly-Nolan, J. | 9-Jun-05 | USGS | Regional G.M. Reports | | | |
| GM 01.10 | Geothermal Data from Deep Holes in the Oregon Cascade Range | Blackwell, D.D. and Steel, J.L | Oct-87 | SMU | Regional G.M. Reports | | | |
| GM 04.10 | Catastrophic Flooding and Eruption of Ash-Flow Tuff at Medicine Lake Volcano. | Donnelly-Nolan, J.M. and Noll | 1986 | USGS | Regional G.M. Reports | | | |
| GM 10.06 | GRC 1984 Annual Meeting: Field Trip #6 - Medicine Lake, CA (29 -30 Aug 1984) | Ciancanelli, E.V. | Aug.84 | GRC | General Geology | | | |
| GM 11.02 | Volcanoes of the Medicine Lake Highland | Anderson, C.A. | | UC | Geol. Maps/Sections | | | |
| GM 12.01 | Quantifying Open System Magmatic Processes at Medicine Lake | Grove, T. | 21-Apr-87 | N/A | Volcanology | | | |
| GM 12.02 | Volcanic Rock Analysis | | 1983 | Dow | Volcanology | | | |
| GM 12.02b | Volcanic Rock Analysis | | 1983 | Dow | Volcanology | | | |
| GM 12.03 | Young bimodal volcanism at Medicine Lake Volcanic Center, N. CA | Condie, K. and Hayslip, D. | 1975 | N.M Inst. Of Mining | Volcanology | | | |
| GM 12.04 | A Magmatic Model of Medicine Lake Volcano | Donnelly-Nolan, J. | 1988 | USGS | Volcanology | | | |
| GM 12.05 | Implications of Post-11,000-Year Volcanism at Medicine Lake Volcano, N.CA | Donnelly-Nolan, J., Champion | 1989 | USGS | Volcanology | | | |
| GM 12.06 | Assimilation of granite magma at Burnt Lava flow, Medicine Lake Volcano, N. CA | Grove, T., Kinzler, R., Baker, I | 1988 | MIT | Volcanology | | | |
| GM 12.07 | Structure and Emplacement of a Rhyolitic Obsidian Flow: Little Glass Mountain, Fink, J.H. | | 1983 | AZ State Univ | Volcanology | | | |
| GM 12.08 | Primitive Magmas at Five Cascade Volcanic Fields: Melts from Hot, Heterogeneous | Bacon, C.R. and others | 1997 | USGS | Volcanology | | | |
| GM 12.09 | Late Holocene Hydrated Mafic Magmatism at the Paint Pot Crater and Callahan f | Kinzler, R.J., Donnelly-Nolan, | 2000 | USGS | Volcanology | | | |

| File No. | Title | Author | Date | Initial Owner of Data / Origin | Subject | Stations / Description | Data Unit | Number of data |
|------------|---|---|-----------|--------------------------------|--------------------------------|------------------------|-----------|----------------|
| GM 12.10 | Magmatic Processes that Generated the Rhyolite of Glass Mt., Medicine Lake Volcano | Grove, T.L., Donnelly-Nolan, J.M. | 1997 | USGS | Volcanology | | | |
| GM 12.11 | The Evolution of Young Silicic Lavas at Medicine Lake Volcano: Implications for the Cascade Volcanic Arc | Grove, T.L. and Donnelly-Nolan, J.M. | 1986 | USGS | Volcanology | | | |
| GM 12.12 | The Giant Crater Lava Field: Geology and Geochemistry of a Compositionally Zoned Lava Flow | Donnelly-Nolan, J.M. and others | 1991 | USGS | Volcanology | | | |
| GM 12.13 | Evidence of Hydrous Differentiation and Crystal Accumulation in the low-MgO, high-Al Rhyolite of Glass Mt., Medicine Lake Volcano | Wagner, T.P., Donnelly-Nolan, J.M. | 1995 | USGS | Volcanology | | | |
| GM 12.14 | Hot, Shallow Mantle Melting under the Cascades Volcanic Arc | Tanton, L.T.E., Grove, T.L., Donnelly-Nolan, J.M. | 2001 | MIT | Volcanology | | | |
| GM 13.01 | Tectonic Setting of the Modoc Region, Northeastern Calif. | Hannah, J.L. | 1985 | N/A | Structural Geology | | | |
| GM 13.03 | Stratigraphy of the Medicine Lake Highland | Hausback B. | Sep-83 | N/A | Structural Geology | | | |
| GM 13.07 | Normal Faulting and Lateral Shear in Northeastern California | Pease, R.W. | Apr-69 | UCR | Structural Geology | | | |
| GM 13.08 | Tulelake, CA: The Last 3 Million Years | Adam, D.P. and others | 1989 | USGS | Structural Geology | | | |
| GM 14.02 | 3-Dimen. of the Medicine Lake Highland, Topo., Geo., Geoph. & Hydro. | Lowenstern, J.B. et al | | USGS | Ground Water Geology | | | |
| GM 14.03 | Hydrologic Data and Description of a Hydrologic Monitoring Plan/Medicine Lake Volcano | Schneider, T.R. & McFarland, J. | 1996 | USGS & BPA | Ground Water Geology | | | |
| GM 14.06 | Radiocarbon in Hydrologic Systems Containing Dissolved Magmatic Carbon Dioxide | Rose, T.P., and Davission, M.L. | 6-Sep-96 | LLL | Ground Water Geology | | | |
| GM 14.07 | Preliminary Chemical and isotopic Data for Waters from Springs and Wells on the Medicine Lake Highland | Mariner, R.H. | 20-Jun-05 | USGS | Ground Water Geology | | | |
| GM 14.08 | Altered Volcanic Rocks as Hydrologic Seals on the Geothermal System of Medicine Lake Volcano | Hulen, J. and Lutz, S.J. | Sep-99 | EGI | Ground Water Geology | | | |
| GM 14.09 | The Geochemistry of Waters from Springs, Wells, and Snowpack on and Adjacent to the Medicine Lake Volcano | Mariner, R.H. and Lowenstern, J.B. | Oct-99 | USGS | Ground Water Geology | | | |
| GM 14.10 | Bathymetric, geophysical, and geologic sample data from Medicine Lake, N. CA | Childs, J.R. and others | 2000 | USGS | Ground Water Geology | | | |
| GM 14.10a | Bathymetric and Geophysical Program (at Medicine Lake) | Childs, J. and Hart, P. | 2000 | USGS | Ground Water Geology | | | |
| GM 16.01 M | Regional Geology, Tectonics, Volcanics and Thermal Springs (6 of 6) | | | Cypress | Geol. Maps/Sections | | | |
| GM 16.10 | Glass Mountain Land Sat-Multi-Spectral Scan | | 26-May-83 | USGS | Remote Sensing | | | |
| GM 16.17 | Seasat Radar Images for Mapping in Geothermal Areas | Muskat, J., Ciancanelli, E. and others | 1981 | CalTech | Remote Sensing | | | |
| GM 18.03 | Petrology and Geochemistry of the Medicine Lake Volcano | Mertzman, S.A. | 30-May-05 | Franklin & Marshall Co | Petrography/Petrology | | | |
| GM 18.04 | Alteration, Geothermometry, and Granitoid Intrusions in Well GMF 31-17, Medicine Lake Volcano Geothermal System, CA | EGI, Lutz, S., Hulen, J., and Schriener, A. | Jan-00 | publication | Petrography/Petrology | | | |
| GM 19.05 | Estimated temperature for Geothermal Drill Holes at Medicine Lake Volcano based on fluid inclusion data | Barger, K.E. and Kieth, T.E.C. | 1997 | USGS | Mineralogy | | | |
| GM 22.03 | Oxygen Isotope Analyses of 166 Rock Samples from Medicine Lake Volcano, CA | Adami, L.H., Hildreth, W., and others | 1996 | USGS | Isotopic Geochemistry | | | |
| GM 22.04 | Abrupt shift in O-18 values at Medicine Lake Volcano, CA (w/map coordinates) | Donnelly-Nolan, J.M. | 1998 | USGS | Isotopic Geochemistry | | | |
| GM 22.05 | Comparative Isotope Hydrology Study of Groundwater Sources and Transport in the Medicine Lake Volcano Geothermal System | Davission, M.L. and Rose, T.P. | Sep-97 | LLNL | Isotopic Geochemistry | | | |
| GM 23.04d | Volcanism, Plutonism and Hydrothermal Alteration at Medicine Lake Volcano, CA | Lowenstern, J.B. and others | 2002 | USGS | Age Dating | | | |
| GM 30.04 | Induced-Polarization Response of Selected Cascades Core Samples | Tripp, A., LeMieux, M., Wright, S.L. | Oct-88 | UURI | General Geophysics | | | |
| GM 31.00M | Aeromagnetic Map of the Medicine Lake Highlands | | 3/29/1984 | USGS | Magnetics | | | |
| GM 32.04 | Gravity Evidence for a Shallow Intrusion under Medicine Lake Volcano | Finn, C. and Williams, D.L. | 1982 | USGS | Gravity | | | |
| GM 32.04M | Bouguer Gravity Map of M.L. Highlands (Alturas Sheet) | | 5/21/2005 | CDMG | Gravity | | | |
| GM 32.05 | Gravity Anomalies, Quaternary Vents, Quaternary Faults in the Southern Cascade Range | Blakey, R.J. and others | 1997 | USGS | Gravity and Structural Geology | | | |
| GM 34.01 | E-Field Ratio Telluric Survey Near Medicine Lake in the ML Highlands | Broker, Michael M., et al. | 1982 | USGS | Magnetotellurics | | | |
| GM 35.04 | Airborne Electromagnetic Surveys of the Cascade Range | Fraser, D.C. | 1983 | USGS | Resistivity | | | |
| GM 35.05 | Schlumberger Soundings in the Medicine Lake Area, CA | Zohdy, A.A.R. & Bisdorf, R.J. | 1982 | USGS | Resistivity | | | |
| GM 37.01 | Crustal Structure from Seismic Refraction in the Medicine Lake Area | Catchings, Rufus | 1983 | Univ. of Wisc.-Madi | Active Seismics | | | |
| GM 37.02 | High-Resolution Seismic Investigation Medicine Lake | Berge, P.A. et al | 1986 | USGS | Active Seismics | | | |
| GM 37.03 | High-Resolution Seismic Attenuation Tomography at Medicine Lake Volcano, CA | Zucca, J. and Kasameyer, P. | 1987 | LLL | Active Seismics | | | |
| GM 37.04 | Results of a Seismic Scattering Study Using Data from Long Valley and Medicine Lake | Doll, W.E. and Zucca, J.J. | 20-Jul-88 | LLL | Active Seismics | | | |
| GM 38.03 | Inversion results of Time-Domain Electromagnetic Soundings near Medicine Lake | Anderson, W.L. et al | 1983 | USGS | Time-domain EM | | | |
| GM 38.09 | Interpretation of Transient Electromagnetic Sounding at Medicine Lake | Anderson, Walter L. | 1988 | USGS | Time-domain EM | | | |
| GM 39.02 | Modeling Deformation at Medicine Lake Volcano in Northern CA using Regional Gravity Data | Poland, M.P. and others | 2000 | Eos Trans. AGU Abstr | Subsidence | | | |
| GM 39.03 | Determining the Stress Regime within a Volcanic Edifice from Igneous Intrusion: Medicine Lake Volcano | Poland, M.P. | Dec-00 | U. of Ariz. | Subsidence | | | |
| GM 40.01 | Thermal Constraints on the Sealing Efficiency of the Caprock Overlying the Medicine Lake Volcano | Williams, C.F. and Grubb, F.V. | Jan-00 | USGS | Geothermics | | | |
| GM 42.01 | Preliminary Heat-Flow Investigations of the Calif. Cascades | Mase, C.W., et al | 1982 | USGS | Temp. Grad. - Heat Holes | | | |