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*copy for Mike
(or files)*

December 4, 1984

State of Oregon
Department of Geology and Mineral Industries
1005 State Office Building
1400 SW Fifth Avenue
Portland, Oregon 97201

Re: Geothermal Energy Publications and Open-File Reports

Dear Sirs:

We would like to order the publications which we have marked on the following lists, enclosed:

Geothermal Energy Publications - August, 1984
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List of Available Publications

Please send the publications to:

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Earth Science Laboratory
391 Chipeta Way, Suite C
Salt Lake City, Utah 84108

Attention: Dr. Phillip M. Wright

The total amount due comes to \$145.50. A check for that amount is enclosed. Thank you very much for your attention to this matter.

Sincerely,

Phillip M. Wright
Vice President, Technology

PMW/cd

State of Oregon
 Department of Geology and Mineral Industries
 1005 State Office Building
 1400 SW Fifth Avenue
 Portland, Oregon 97201
 Telephone: (503) 229-5580

GEOHERMAL ENERGY PUBLICATIONS

August 1984

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1959

Peterson, N.V., 1959, Lake County's new continuous geyser: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 21, no. 9, p. 83-88.

Out of print

1966

Bodvarsson, G., 1966, Energy and power of geothermal resources: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 28, no. 7, p. 117-124.

\$.50 _____

Groh, E.A., 1966, Geothermal energy potential in Oregon: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 28, no. 7, p. 125-135. Included in above issue.

.50 _____

1967

Peterson, N.V., and Groh, E.A., 1967, Geothermal potential of the Klamath Falls area, Oregon, a preliminary study: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 29, no. 11, p. 209-231.

.50 _____

1969

Godwin, L.H., and Peterson, N.V., 1969, Geothermal energy, in Mineral resources of Oregon: Oregon Department of Geology and Mineral Industries Bulletin 64, p. 299-304.

Out of print

1970

Bowen, R.G., and Peterson, N.V., 1970, Thermal springs and wells in Oregon: Oregon Department of Geology and Mineral Industries Miscellaneous Paper 14 (listed on back of location map, scale 1:1,000,000). Updated to GMS-10 (Bowen and others, 1978).

Out of print

1971

Bowen, R.G., 1971a, Geothermal activity in 1970: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 33, no. 1, p. 16-18.

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Bowen, R.G., 1971b, Electricity from geothermal, nuclear, coal sources; Oregon Department of Geology and Mineral Industries, Ore Bin, v. 33, no. 11, p. 197-209.

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1972

Bowen, R.G., 1972a, Geothermal activity in 1971: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 34, no. 1, p. 12-15.

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Bowen, R.G., 1972b, Geothermal gradient studies in Oregon: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 34, no. 4, p. 68-71.

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1973

Bowen, R.G., 1973, Geothermal activity in 1972: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 35, no. 1, p. 4-5.

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Bowen, R.G., and Blackwell, D.D., 1973, Progress report on geothermal measurements in Oregon: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 35, no. 1, p. 6-7. Included in above issue.

.50 _____

1974

Bodvarsson, G., 1974, Telluric current exploration for geothermal anomalies in Oregon: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 36, no. 6, p. 93-107.

.50 _____

Bowen, R.G., 1974, Geothermal activity in 1973: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 36, no. 1, p. 9-11.	\$.50	_____
Rex, R.W., 1974, Economics of geothermal development: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 36, no. 2, p. 17-23.	.50	_____
Walker, G.W., 1974, Some implications of late Cenozoic volcanism to geothermal potential in the High Lava Plains of south-central Oregon: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 36, no. 7, p. 109-119.	.50	_____
<u>1975</u>		
Bowen, R.G., 1975a, Geothermal activity in 1974: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 37, no. 1, p. 9-10.	.50	_____
Bowen, R.G., 1975b, Geothermal gradient data: Oregon Department of Geology and Mineral Industries Open-File Report O-75-3, 133 p.	10.00	_____
Bowen, R.G., 1975c, Geothermal power, in Proceedings of the Citizens' Forum on Potential Future Energy Sources, Portland, Ore., January 17, 1974: Oregon Department of Geology and Mineral Industries Miscellaneous Paper 18, p. 43-50.	3.00	_____
Bowen, R.G., and Blackwell, D.D., 1975, The Cow Hollow geothermal anomaly: Ore Department of Geology and Mineral Industries, Ore Bin, v. 37, no. 7, p. 109-121.	.50	_____
Bowen, R.G., Blackwell, D.D., and Hull, D.A., 1975, Geothermal studies and exploration in Oregon: Oregon Department of Geology and Mineral Industries Open-File Report O-75-7, 65 p.	5.00	_____
Couch, R.W., French, W., Gemperle, M., and Johnson, A., 1975, Geophysical measurements in the Vale, Oregon, geothermal resource area: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 37, no. 8, p. 125-129.	.50	_____
Fisher, D.M., 1975, An estimate of southeast Oregon's geothermal potential: Oregon Department of Geology and Mineral Industries Open-File Report O-75-8, 9 p.	Not for sale	
Hull, D.A., 1975a, Geothermal gradient data, Vale area, Malheur County, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report O-75-4, 18 p.	5.00	_____
Hull, D.A., 1975b, Geothermal studies in the Vale area, Malheur County, Oregon: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 37, no. 6, p. 104-106.	.50	_____
Larson, K., and Couch, R.W., 1975, Preliminary gravity maps of the Vale area, Malheur County, Oregon: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 37, no. 8, p. 138-142. Included in same issue with paper by Couch and others.	.50	_____
Peterson, N.V., and Youngquist, W., 1975, Central Western and High Cascades geological reconnaissance and heat-flow hole recommendations: Oregon Department of Geology and Mineral Industries Open-File Report O-75-2, 41 p.	5.00	_____
<u>1976</u>		
Bowen, R.G., Blackwell, D.D., Hull, D.A., and Peterson, N.V., 1976, Progress report on heat-flow study of the Brothers fault zone, central Oregon: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 38, no. 3, p. 39-45.	.50	_____
Hull, D.A., 1976, Electrical resistivity survey and evaluation of the Glass Buttes geothermal anomaly: Oregon Department of Geology and Mineral Industries Open-File Report O-76-1, 8 p., 3 maps.	8.00	_____
Hull, D.A., Bowen, R.G., Blackwell, D.D., and Peterson, N.V., 1976, Geothermal gradient data, Brothers fault zone, central Oregon: Oregon Department of Geology and Mineral Industries Open-File Report O-76-2, 49 p.	5.00	_____
Hull, D.A., and Newton, V.C., 1976, Geothermal activity in 1975: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 38, no. 1, p. 10-17.	.50	_____
<u>1977</u>		
Bowen, R.G., Blackwell, D.D., and Hull, D.A., 1977, Geothermal exploration studies in Oregon: Oregon Department of Geology and Mineral Industries Miscellaneous Paper 19, 50 p., 1 map.	3.00	_____
Hull, D.A., Bowen, R.G., Blackwell, D.D., and Peterson, N.V., 1977, Preliminary heat-flow map and evaluation of Oregon's geothermal energy potential: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 39, no. 7, p. 109-123.	.50	_____

Hull, D.A., Blackwell, D.D., Bowen, R.G., and Peterson, N.V., 1977, Heat-flow study of the Brothers fault zone, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-77-3, 43 p.	5.00	_____
Hull, D.A., Blackwell, D.D., Bowen, R.G., Peterson, N.V., and Black, G.L., 1977, Geothermal gradient data: Oregon Department of Geology and Mineral Industries Open-File Report 0-77-2, 134 p., 1 map.	5.00	_____
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Wimer, R.D., LaMori, P.N., and Grant, A.D., 1977, Potential environment issues related to geothermal power generation in Oregon: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 39, no. 5, p. 73-91.	.50	_____
<u>1978</u>		
Blackwell, D.D., Hull, D.A., Bowen, R.G., and Steele, J.L., 1978, Heat flow of Oregon: Oregon Department of Geology and Mineral Industries Special Paper 4, 42 p., 1 map.	3.00	_____
Bowen, R.G., Peterson, N.V., and Riccio, J.F., 1978, Low- to intermediate-temperature thermal springs and wells in Oregon: Oregon Department of Geology and Mineral Industries Geological Map Series GMS-10 (listed on back of location map, scale 1:1,000,000).	3.00	_____
Couch, R.W., Gemperle, M., and Connard, G., 1978, Total field aeromagnetic anomaly map, Cascade Mountain Range, central Oregon: Oregon Department of Geology and Mineral Industries Geological Map Series GMS-9, scale 1:125,000.	3.00	_____
Hull, D.A., Blackwell, D.D., and Black, G.L., 1978, Geothermal gradient data: Oregon Department of Geology and Mineral Industries Open-File Report 0-78-4, 187 p., 1 map.	5.00	_____
Newton, V.C., and Hull, D.A., 1978, Geothermal energy in 1977: Oregon Department of Geology and Mineral Industries, Ore Bin, v. 40, no. 1, p. 8-16.	.50	_____
Oregon Department of Geology and Mineral Industries, 1978, Geophysical logs, Old Maid Flat #1, Clackamas County, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-78-6, 2 p., 7 logs.	Out of print	
Pitts, G.S., and Couch, R.W., 1978, Complete Bouguer gravity anomaly map, Cascade Mountain Range, central Oregon: Oregon Department of Geology and Mineral Industries Geological Map Series GMS-8, scale 1:125,000.	3.00	_____
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Oregon Department of Geology and Mineral Industries (DOGAMI), 1979, U.S. Geological Survey geothermal research program in the Cascade Range: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 41, no. 7, p. 103-106.	1.00	_____
Riccio, J.F., ed., 1979a, Geothermal resource assessment of Mount Hood: Oregon Department of Geology and Mineral Industries Open-File Report 0-79-8, 273 p., 5 maps.	Out of print	
Riccio, J.F., ed., 1979b, Preliminary geothermal resource map of Oregon: Oregon Department of Geology and Mineral Industries Geological Map Series GMS-11, scale 1:500,000. Updated to NOAA map (Oregon Department of Geology and Mineral Industries, 1982a)	Out of print	
Riccio, J.F., and Newton, V.C., 1979, Geothermal exploration in Oregon in 1978: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 41, no. 3, p. 39-46.	1.00	_____
U.S. Geological Survey and Oregon Department of Geology and Mineral Industries, 1979, Chemical analyses of thermal springs and wells in Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-79-3, 174 p.	5.00	_____
Wollenburg, H.A., Bowen, R.G., Bowman, H.R., and Strisower, B., 1979, Geochemical studies of rocks, water, and gases at Mt. Hood, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-79-2, 57 p.	5.00	<u>1</u> 5.00
<u>1980</u>		
Brown, D.E., Black, G.L., and McLean, G.D., under the direction of Riccio, J.F., 1980a, Preliminary geology and geothermal resource potential of the Craig Mountain-Cove area, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-4, 68 p., 1 map.	5.00	_____

Brown, D.E., Black, G.L., and McLean, G.D., under the direction of Riccio, J.F., 1980b, Preliminary geology and geothermal resource potential of the Powell Buttes area, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-8, 117 p., 1 map.	\$ 5.00	_____
Brown, D.E., McLean, G.D., and Black, G.L., under the direction of Riccio, J.F., 1980a, Preliminary geology and geothermal resource potential of the northern Harney Basin, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-6, 52 p., 4 maps.	7.00	_____
Brown, D.E., McLean, G.D., and Black, G.L., under the direction of Riccio, J.F., 1980b, Preliminary geology and geothermal resource potential of the southern Harney Basin, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-7, 90 p., 8 maps.	10.00	_____
Brown, D.E., McLean, G.D., and Black, G.L., under the direction of Riccio, J.F., 1980c, Preliminary geology and geothermal resource potential of the Western Snake River Plain, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-5, 114 p., 4 maps.	10.00	_____
Brown, D.E., McLean, G.D., Priest, G.R., Woller, N.M., and Black, G.L., under the direction of Riccio, J.F., 1980, Preliminary geology and geothermal resource potential of the Belknap-Foley area, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-2, 58 p., 1 map.	5.00	_____
Brown, D.E., McLean, G.D., Woller, N.M., and Black, G.L., under the direction of Riccio, J.F., 1980, Preliminary geology and geothermal resource potential of the Willamette Pass area, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-3, 65 p., 1 map.	5.00	_____
MacLeod, T., and Hill, J. (Logging Geologists, R.F. Smith Corporation), 1980, Engineering and air and mud drilling data of DOGAMI geothermal exploratory well Old Maid Flat 7A: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-11, 16 p.	Out of print	
Magill, J., and Cox, A., 1980, Tectonic rotation of the western Cascades: Oregon Department of Geology and Mineral Industries Special Paper 10, 67 p.	3.00	_____
Oregon Department of Geology and Mineral Industries, 1980, Progress report on activities of the low-temperature resource assessment program 1979-1980: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-14, 79 p.	5.00	_____
Peterson, N.V., and Brown, D.E., under the direction of Riccio, J.F., 1980, Preliminary geology and geothermal resource potential of the Alvord Desert area, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-10, 57 p., 2 maps.	7.00	_____
Peterson, N.V., Brown, D.E., and McLean, G.D., 1980, Preliminary geology and geothermal resource potential of the Lakeview area, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-9, 108 p., 2 maps.	7.00	_____
Priest, G.R., Riccio, J.F., Woller, N.M., and Gest, D., 1980, Heat flow along the High Cascade-Western Cascade transition zone, Oregon [abs.]: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 42, no. 4, p. 69.	1.00	_____
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Venkatakrishnan, R., Bond, J.G., and Kauffman, J.D., 1980, Geological linears of the northern part of the Cascade Range, Oregon: Oregon Department of Geology and Mineral Industries Special Paper 12, 25 p., 5 maps, scale 1:250,000.	3.00	<u>1</u> <u>3.00</u>
White, C., 1980a, Geology and geochemistry of Mt. Hood volcano: Oregon Department of Geology and Mineral Industries Special Paper 8, 26 p.,	3.00	_____
White, C., 1980b, Geology of the Breitenbush Hot Springs quadrangle, Oregon: Oregon Department of Geology and Mineral Industries Special Paper 9, 26 p., 1 map.	4.00	_____
Youngquist, W.L., 1980, Geothermal gradient drilling, north-central Cascades of Oregon, 1979: Oregon Department of Geology and Mineral Industries Open-File Report 0-80-12, 47 p., 2 gamma ray logs.	5.00	_____
<u>1981</u>		
Blackwell, D.D., Black, G.L., and Priest, G.R., 1981a, Geothermal gradient data (1978): Oregon Department of Geology and Mineral Industries Open-File Report 0-81-3A, 63 p.	5.00	_____

Blackwell, D.D., Black, G.L., and Priest, G.R., 1981b, Geothermal gradient data (1979): Oregon Department of Geology and Mineral Industries Open-File Report 0-81-3B, 98 p.	\$ 6.00	_____
Blackwell, D.D., Black, G.L., and Priest, G.R., 1981c, Geothermal gradient data (1980): Oregon Department of Geology and Mineral Industries Open-File Report 0-81-3C, 374 p.	12.00	_____
Brown, D.E., McLean, G.D., Black, G.L., and Petros, J.R., 1981, Preliminary geology and geothermal resource evaluation of the Powell Buttes area, Oregon [abs.]: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 43, no. 3, p. 38.	1.00	_____
Couch, R.W., Gemperle, M., McLain, W.H., and Connard, G.G., 1981, Total-field aeromagnetic anomaly map, Cascade Mountain Range, southern Oregon: Oregon Department of Geology and Mineral Industries Geological Map Series GMS-17, scale 1:250,000.	3.00	_____
Couch, R.W., Pitts, G.S., Braman, D.E., and Gemperle, M., 1981, Free-air gravity anomaly map and complete Bouguer gravity anomaly map, Cascade Mountain Range, northern Oregon: Oregon Department of Geology and Mineral Industries Geological Map Series GMS-15, scale 1:250,000.	3.00	_____
Couch, R.W., Pitts, G.S., Veen, C.A., and Gemperle, M., 1981, Free-air gravity anomaly map and complete Bouguer gravity anomaly map, Cascade Mountain Range, southern Oregon: Oregon Department of Geology and Mineral Industries Geological Map Series GMS-16, scale 1:250,000.	3.00	_____
Kienle, C.F., Nelson, C.A., and Lawrence, R.D., 1981, Faults and lineaments of the southern Cascades, Oregon: Oregon Department of Geology and Mineral Industries Special Paper 13, 23 p., 1 map.	4.00	_____
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Oregon Department of Geology and Mineral Industries (DOGAMI), 1981, Newberry well is hottest geothermal prospect yet reported in Oregon: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 43, no. 9, p. 126.	1.00	_____
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<u>1982</u>		
Ashwill, M.S., 1982, Thermal springs near Madras, Oregon: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 44, no. 1, p. 8-9.	1.00	_____
Black, G.L., 1982a, An estimate of the geothermal potential of Newberry Volcano, Oregon: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 44, no. 4, p. 44-46.	1.00	_____
Black, G.L., 1982b, A revision to the estimate of geothermal potential of Newberry Volcano: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 44, no. 5, p. 57.	1.00	_____
Blackwell, D.D., Black, G.L., and Priest, G.R., 1982, Geothermal gradient data (1981): Oregon Department of Geology and Mineral Industries Open-File Report 0-82-4, 430 p.	15.00	_____
Brown, D.E., 1982a, Map showing geology and geothermal resources of the southern half of the Burns 15' quadrangle, Oregon: Oregon Department of Geology and Mineral Industries Geological Map Series GMS-20, scale 1:24,000.	5.00	_____
Brown, D.E., 1982b, Map showing geology and geothermal resources of the Vale East 7½' quadrangle, Oregon: Oregon Department of Geology and Mineral Industries Geological Map Series GMS-21, scale 1:24,000.	5.00	_____
Couch, R.W., Pitts, G.S., Gemperle, M., Braman, D.E., and Veen, C.A., 1982, Gravity anomalies in the Cascade Range in Oregon: Structural and thermal implications: Oregon Department of Geology and Mineral Industries Open-File Report 0-82-9, 66 p.	5.00	_____
Couch, R.W., Pitts, G.S., Gemperle, M., Veen, C.A., and Braman, D.E., 1982, Residual gravity maps of the northern, central, and southern Cascade Range, Oregon, 121°00' to 122°30' W. by 42°00' to 45°45' N.: Oregon Department of Geology and Mineral Industries Geological Map Series GMS-26, scale 1:250,000.	5.00	_____

Geophysics Group, Oregon State University, 1982, Gravity and aeromagnetic maps of the Powell Buttes area, Crook, Deschutes, and Jefferson Counties, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report O-82-8, 4 maps, scale 1:62,500.	\$ 8.00		
Hadden, M.M., Priest, G.R., Woller, N.M., and Brand, C.B., 1982, Preliminary soil-mercury survey of Newberry Volcano, Deschutes County, Oregon: Oregon Department of Geology and Mineral Industries preliminary report, 16 p., 1 map, scale 1:62,500.		Out of print	
MacLeod, H.S., and Sammel, E.A., 1982, Newberry Volcano, Oregon: A Cascade Range geothermal prospect: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 44, no. 11, p. 123-131.	1.00		
Oregon Department of Geology and Mineral Industries (DOGAMI), 1982a, Geothermal resources of Oregon, 1981: Oregon Department of Geology and Mineral Industries/National Oceanic and Atmospheric Administration (NOAA) (for USDOE), 1 map, scale 1:500,000.	3.00		
← Oregon Department of Geology and Mineral Industries (DOGAMI), 1982b, Ocean hot spring still producing metals off Oregon coast; Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 44, no. 6, p. 70.	1.00	1	1.00
Priest, G.R., Black, G.L., and Woller, N.M., 1982, Oregon low-temperature resource assessment program, final technical report: Oregon Department of Geology and Mineral Industries Open-File Report O-82-5, 54 p.	5.00		
Priest, G.R., Black, G.L., Woller, N.M., and King, W.L., 1982, Geothermal exploration in Oregon, 1981: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 44, no. 6, p. 63-68. Included in same issue as above brief article by Oregon Department of Geology and Mineral Industries (1982b).	1.00		
Priest, G.R., and Vogt, B.F., eds., 1982a, Geology and geothermal resources of the Cascades, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report O-82-7, 206 p., 5 map sheets	20.00		
Priest, G.R., and Vogt, B.F., eds., 1982b, Geology and geothermal resources of the Mount Hood area, Oregon: Oregon Department of Geology and Mineral Industries Special Paper 14, 100 p.	7.00		
<u>1983</u>			
Black, G.L., Elliott, M.A., D'Allura, J., and Purdom, W., 1983, Results of a geothermal resource assessment of the Ashland, Oregon, area, Jackson County: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 45, no. 5, p. 51-55.	1.00		
← Black, G.L., Priest, G.R., and Vogt, B.F., eds., 1983, Survey of potential geothermal exploration sites at Newberry Volcano, Deschutes County, Oregon: Oregon Department of Geology and Mineral Industries Open-File Report O-83-3, 174 p., 8 maps.	20.00	1	20.00
Priest, G.R., and Black, G.L., 1983, Geothermal exploration in Oregon, 1982: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 45, no. 5, p. 56-58. Included in above issue.	1.00		
Priest, G.R., and Vogt, B.F., eds., 1983, Geology and geothermal resources of the central Oregon Cascade Range: Oregon Department of Geology and Mineral Industries Special Paper 15, 123 p., 3 maps.	11.00		
<u>1984</u>			
Black, G.L., Priest, G.R., and Woller, N.M., 1984, Temperature data and drilling history of the Sandia National Laboratories well at Newberry caldera: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 46, no. 1, p. 7-9.	1.00		
John, K.E., and Ciancanelli, E.V., 1984, Geothermal exploration at Glass Buttes, Oregon: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 46, no. 2, p. 15-18.	1.00		
← Oregon Department of Geology and Mineral Industries (DOGAMI), 1984, Heat-flow map of the Cascade Range of Oregon and index map of mapping in the Oregon Cascades: Oregon Department of Geology and Mineral Industries Open-File Report O-84-4, 2 maps.	5.00	1	5.00
Priest, G.R., 1984, Geothermal exploration in Oregon, 1983: Oregon Department of Geology and Mineral Industries, Oregon Geology, v. 46, no. 5, p. 53-57.	1.00		

STATE OF OREGON
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GMS-6: Preliminary report on geology of part of Snake River canyon. 1974	6.50		
GMS-8: Complete Bouguer gravity anomaly map, central Cascade Mountain Range, Oregon. 1978	3.00	1	3.00
GMS-9: Total-field aeromagnetic anomaly map, central Cascade Mountain Range, Oregon. 1978	3.00	1	3.00
GMS-10: Low- to intermediate-temperature thermal springs and wells in Oregon. 1978	3.00		
GMS-12: Geologic map of the Oregon part of the Mineral 15-minute quadrangle, Baker County. 1978	3.00		
GMS-13: Geologic map, Huntington and part of Olds Ferry 15-minute quadrangles, Baker and Malheur Counties. 1979	3.00		
GMS-14: Index to published geologic mapping in Oregon, 1898-1979. 1981	7.00		
GMS-15: Free-air gravity anomaly map and complete Bouguer gravity anomaly map, north Cascades, Oregon. 1981	3.00	1	3.00
GMS-16: Free-air gravity anomaly map and complete Bouguer gravity anomaly map, south Cascades, Oregon. 1981	3.00	1	3.00
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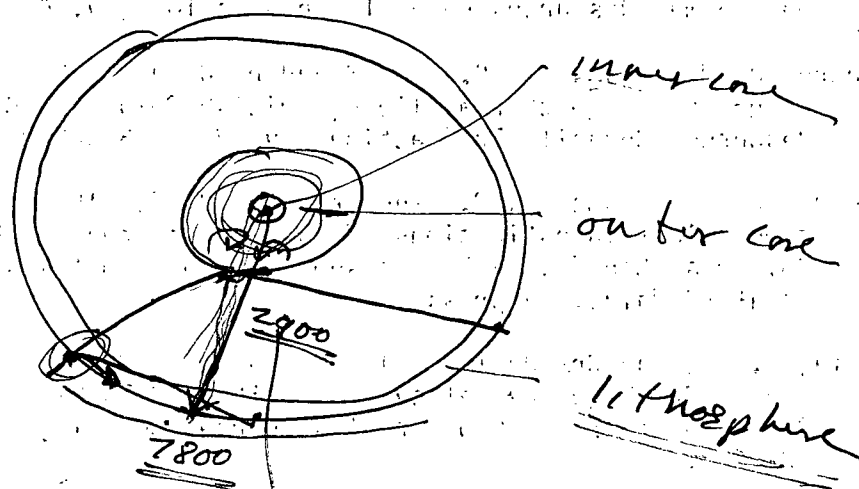
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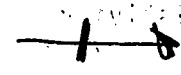
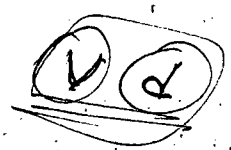
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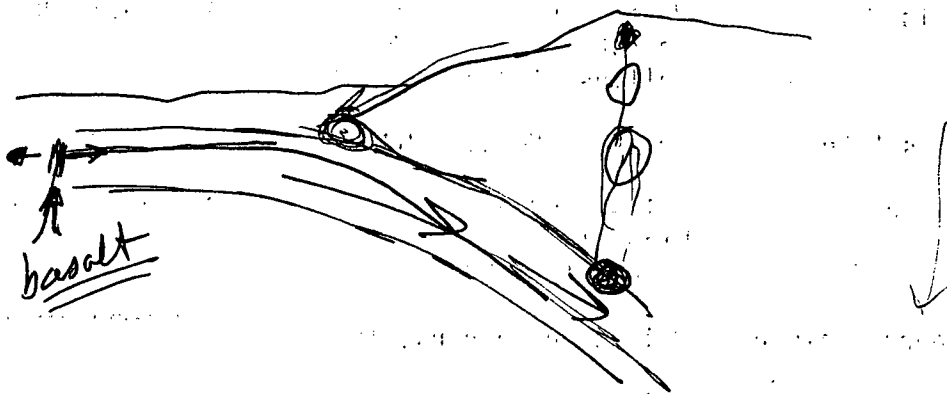
SILICIC VOLCANIC ROCKS - CASCADES

Rhyolitic to dacitic rock reported in the following areas.

<u>Area</u>	<u>References</u>	<u>Remarks</u>
Oregon:		
Crater Lake	Bacon, 1983	Cites several other studies
Mt. Jefferson	Sutton, 1974	
Devils Cr.	White, 1981a Priest & Vogt, 1983 Rollins, 1976	5.75 m.y. BP, p. 30
Devils Lake	Priest & Vogt, 1983	
Mt. Hood	White, 1980b Wise, 1969 Crandall, 1980	200 yr. BP pyroclastics
Newberry Caldera	Priest and others, 1983	
South Sister	Priest and Vogt, 1983	
Yamsay Mtn.	Hering, 1981	bimodal
Washington:		
White Pass Area	Clayton, 1983, p. 232	Late Pleistocene (0.79 m.y.), 64-66% SiO ₂ Spiral Butte dacite dome and flow
Clear Fork Dacite	Clayton, 1983, p. 234 Ellingson, 1972	59-62% SiO ₂
Simcoe Mountains	Korosec and others, 1983, p. 286	Dacite domes & rhyolite flows on basaltic shield-Pleistocene
California:		
Burney Mountain	Muffler and Campbell, 1984	Dacite, 0.24 m.y.
Lassen Peak	Muffler and others, 1982 Crandell and others, 1974	Dacite to rhyolite domes Hornblende dacite pyroclastics, Chaos Crags
Medicine Lake Volcano	Ciancanelli, 1983	Rhyolite and dacite

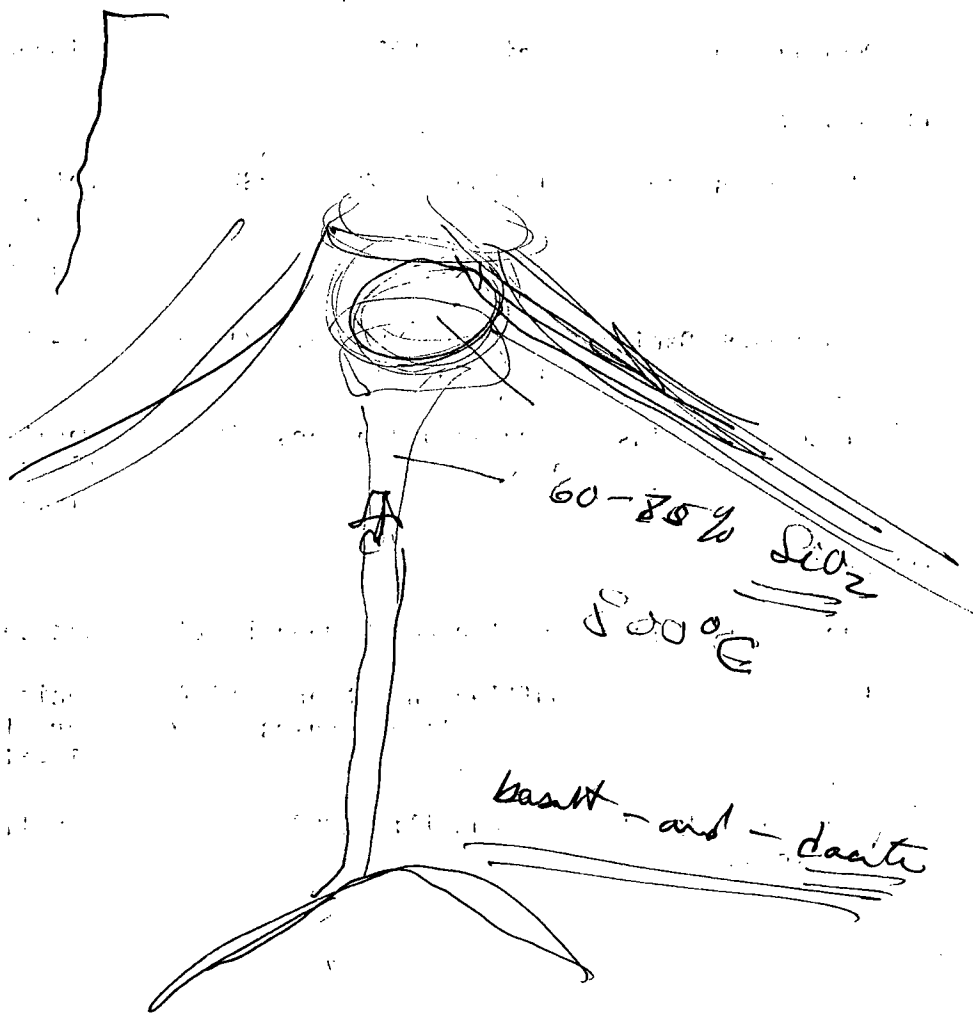
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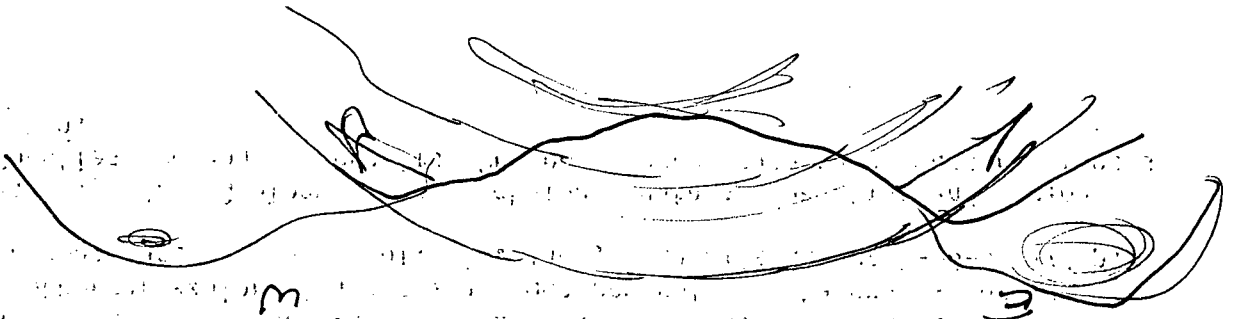


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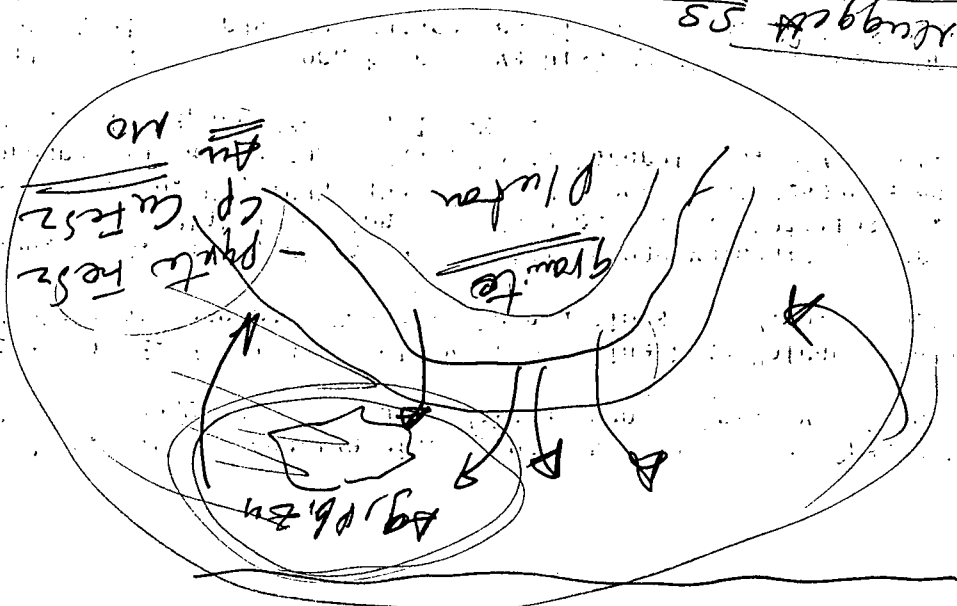
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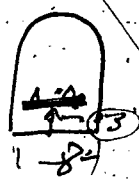
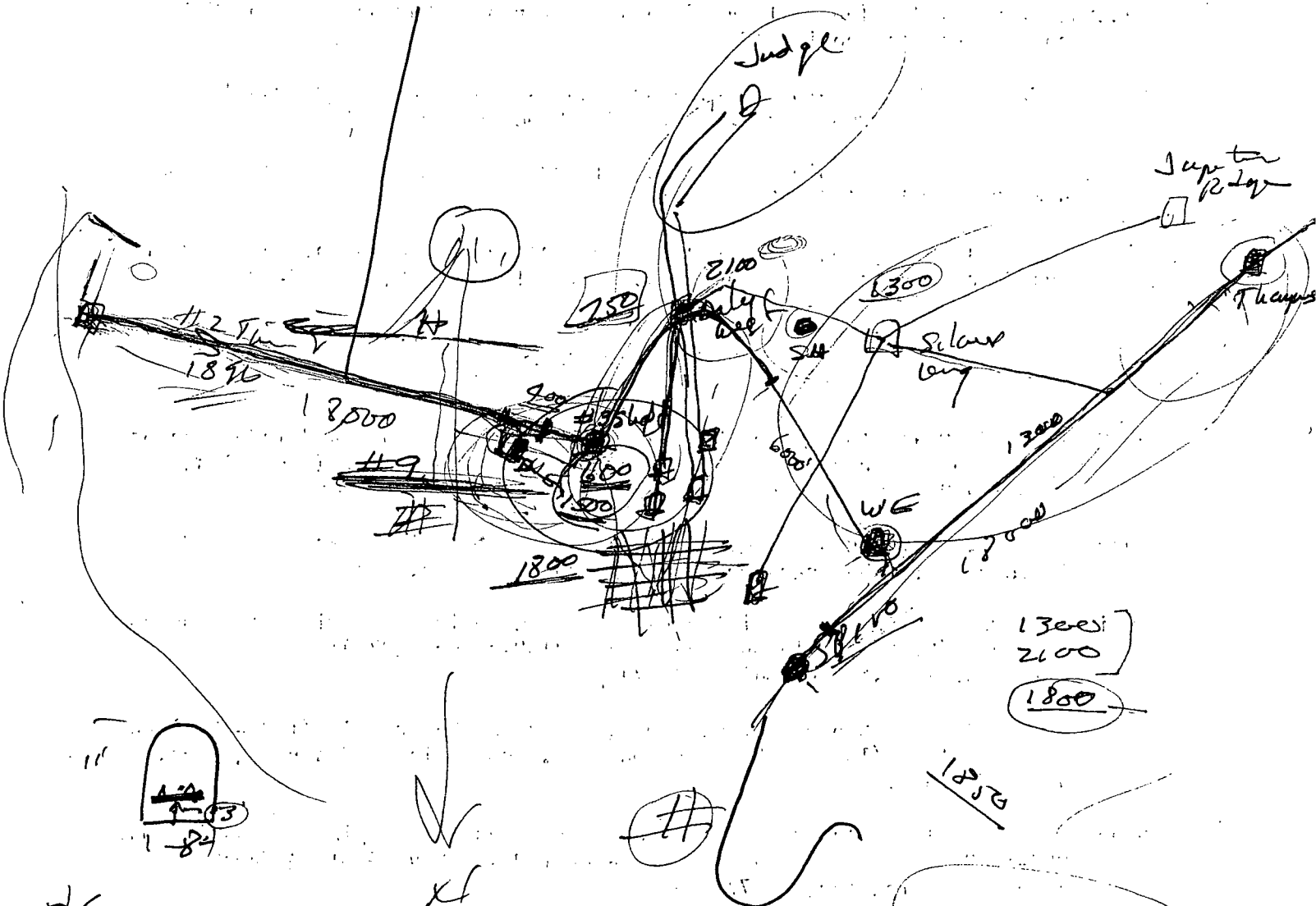


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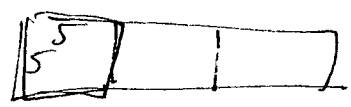
xl

160 Pb	204	32
120 Zn	204	24
4.5	5	22
0.03		9 0.8 Cu
300		<u>87</u> ton

8.5% Pb
 6.5% Zn
 4.5% Ag
 0.03 oz Au 32
 cal



100 20x10⁶
 20x10⁴ 200,000+
 2 US Geol Survey J.M.
 Boutwell 1923



NHB Stop 119
SMITHSONIAN INSTITUTION
Washington, D.C. 20560
17 January 1986

Dr Marshall Reed
Geothermal Division
DOE, Room SF-078
1000 Independence Ave.
Washington, DC 20585

Dear Marshall,

Here are the 3 bibliographies that I promised several weeks ago to send. They are:

- 1) Ascension Island (19 references)
- 2) West Indies (particularly Martinique & St Lucia) (173 references)
- 3) Cascades (particularly Garibaldi, Glacier Peak, Adams, Hood, Newberry-Three Sisters, Medicine Lake, & Shasta) (193 references).

I added some more general regional references likely to contain information on the specific locations, but was reminded (upon encountering an obscure reference of my own) that I have NOT included the more global references that will contain useful information on the specific locations. The example is my 1976 paper including West Indies volcano data and indexed that way in my bibliography, but the more global (and more recent, and better) NAS paper (reprint enclosed) was not indexed to emerge in this kind of search. The best bet for these is to see the "Global" section at the start of our Volcanoes of the World bibliography (and the 1985 Supplement) (also enclosed), but you probably know these more general references anyway.

I've made annotations on some of the more obscure references, but should note here that I've added Modoc to the Cascades set (because of close link to Medicine Lake), and that Pelee's 1902 eruption tends to dominate the Martinique references. The asterisk identifies references not available within a hundred meters of my office. This means that I should (in theory) be able to put my fingers on all other references if you have trouble locating them yourselves.

The last caveat is the general one that no bibliography is ever complete. Mine has grown as a very personalized listing, and I am all too well aware of its deficiencies. I hope, though, that it will be of some use to you, and that you will feel free to call for more help in return for your kind support.

Sincerely yours,



Tom Simkin
Curator
Petrology & Volcanology

#1

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