United States Department of the Interior

GEOLOGICAL SURVEY
BOX 25046 M.S. 916
DENVER FEDERAL CENTER
DENVER, COLORADO 80225
Office of Energy Resources
Branch of Uranium and Thorium Resources

IN REPLY REFER TO:

BUREAU OF MINES
WESTERN FIELD OPERATION CENTER
MAY 5 1982
SPOKANE, WASH.

May 3, 1982

Mr. Doug Jayne
U.S. Bureau of Mines
360 3rd Ave.
Spokane, Washington 99202

Doug:

I am enclosing the information you requested pertaining to the Walker River Indian Reservation.

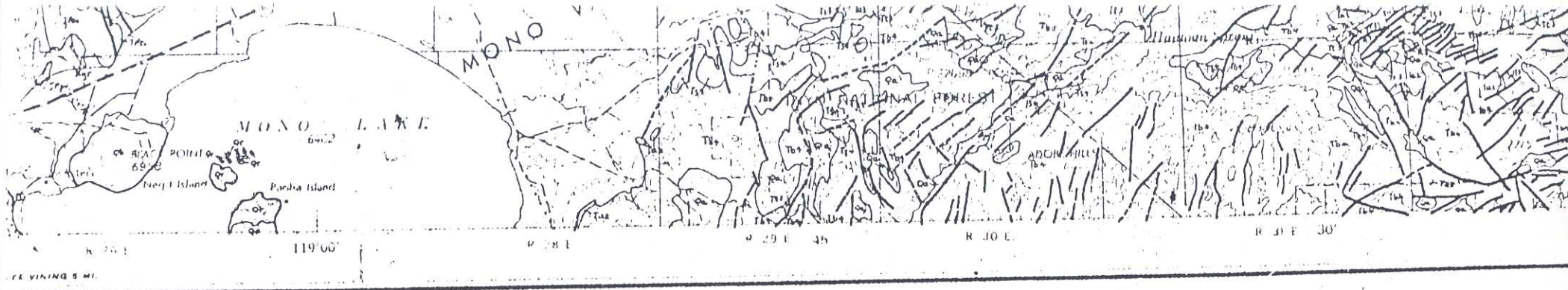
Rock samples were collected on the reservation in the Walker Lake quadrangle during the NURE program, but no stream-sediment or water samples were collected in that area. I hope these rock sample data prove useful in your survey.

MATERIAL LOGGED	✓
REPLY REQUIRED	
ROUTE TO:	INITIALS/DATE
✓ CHIEF	JAW, 5/5
ASSISTANT	RV /
RARE II	/
E. I. S.	/
✓ MAS-MILS	OH, 5/5
WILDERNESS	/
Ingersoll	R.L, 5/5
Jayne	/
(GENERAL FILES AREA)	

Sincerely,

J. Karen Felmlee

J. Karen Felmlee
Geologist



Scale 1:250,000

5 10 15 20 Statute Miles

10 15 20 25 30 Kilometers

5 10 15 Nautical Miles

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

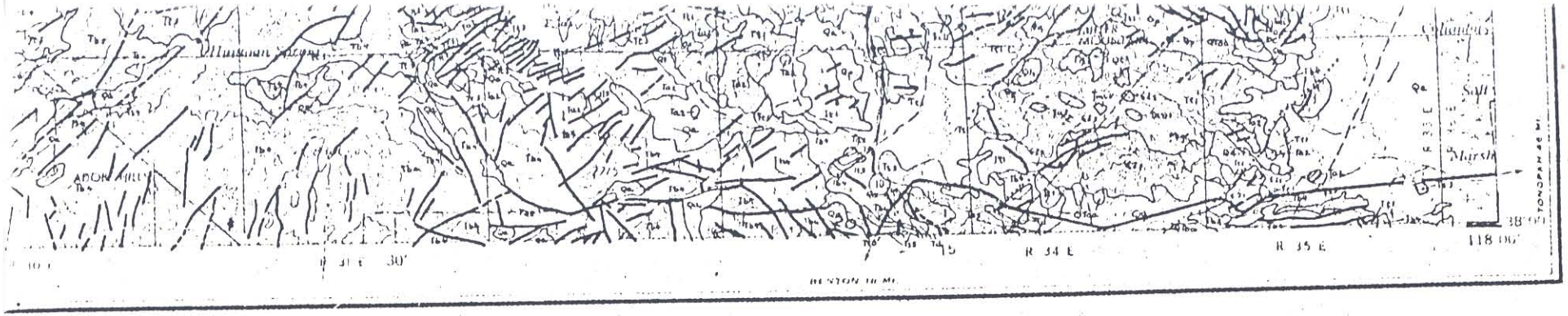
PLATE 10.--PRELIMINARY

GEOLOGIC MAP OF THE WALKER LAKE 1° BY 2° Q

COMPILED BY

John E. Carlson, John H. Stewart, Dann Johannesen,

1978



Tr_1

Tt_1

Ts_1

Tmi

Tri

Kgr

Kp

Kd

Mzgr

Mzd

Jgr

Jp

Jd

JPsv

Jvs

JTRs

10.--PRELIMINARY

ER LAKE 1° BY 2° QUADRANGLE, NEVADA-CALIFORNI

COMPILED BY

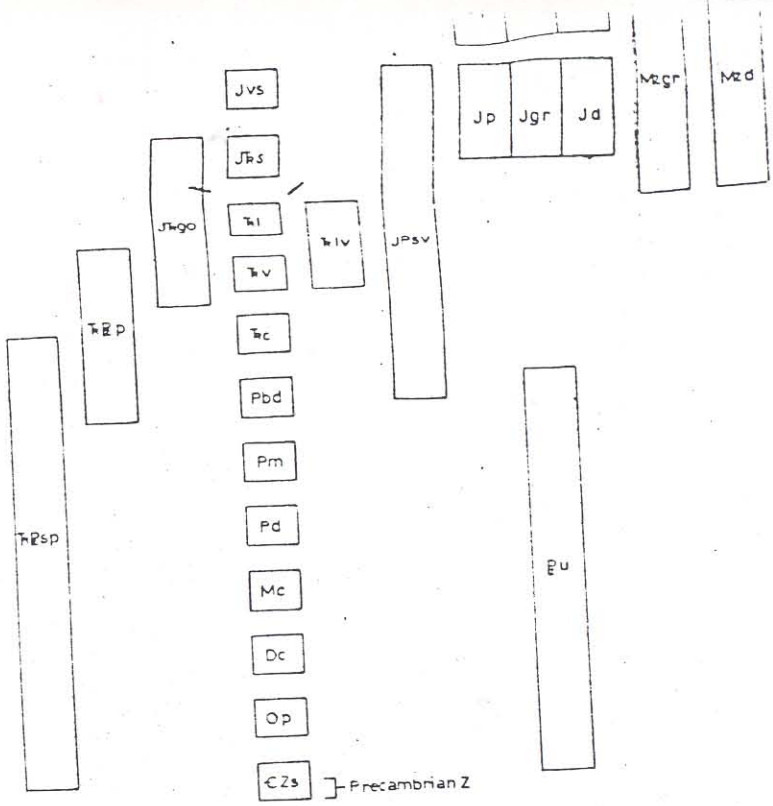
ohn H. Stewart, Dann Johannesen, and Frank J. Kleinhampl

1978

this plate was also published as

USGS OPEN FILE REPORT 78-523

CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

Qr	RHYOLITIC FLOWS AND SHALLOW INTRUSIVE ROCKS	JTRgo
Qan	ANDESITE AND RELATED ROCKS OF INTERMEDIATE COMPOSITION--Flows and breccias	TRl
Qb	BASALT FLOWS--Locally includes maar deposits	TRlv
Qa	ALLUVIAL DEPOSITS	TRv
Qp	PLAYA DEPOSITS	TRPzp
Qs	SAND DUNE DEPOSITS	TRPzsp
Qls	LANDSLIDE DEPOSITS	TRc
Qm	MORAINAL DEPOSITS	Pbd
Qt	TALUS DEPOSITS	Pm
Qg	GRAVEL DEPOSITS	Mc
QToa	OLDER ALLUVIAL DEPOSITS	Dc
QTs	SEDIMENTARY ROCKS--Mostly lake deposits	Op
QTg	GRAVEL DEPOSITS	€Zs
Tv	VOLCANIC ROCKS--Undivided	Pu
Tbx	BRECCIA	
Tb_4	BASALTIC FLOWS--Locally includes volcanic cinder cones	
Ta_4	ANDESITE AND RELATED ROCKS OF INTERMEDIATE COMPOSITION--Flows and breccias. Includes such units as the Relief Peak Formation (Slemmons, 1966)	Crowder, Cali
Tg	GRAVEL DEPOSITS	
Tr_4	RHYOLITIC FLOWS AND SHALLOW INTRUSIVE ROCKS	Ekren, geo Cou
Ts_4	TUFFACEOUS SEDIMENTARY ROCKS--Locally includes minor amount of tuff	
Td	DIATOMITE	Gilbert, and
Ta_3	ANDESITE AND RELATED ROCKS OF INTERMEDIATE COMPOSITION--Flows and breccias. Includes such units at Table Mountain Latite (Slemmons, 1966)	Noble, Uni
Tr_3	RHYOLITIC FLOWS AND SHALLOW INTRUSIVE ROCKS	Noble, no
Tt_3	LATITIC ASH-FLOW TUFFS--Includes such units as Eureka Valley Tuff (Slemmons, 1966; Noble and others, 1974) and latite tuff of Truman Meadows (Crowder and others, 1972)	Poole, St Se
Ts_3	TUFFACEOUS SEDIMENTARY ROCKS--Locally includes minor amounts of tuff. Includes such units as Aldrich Station, Coal Valley Formation, and Morgan Ranch Formation (see Gilbert and Reynolds)	

SAND DUNE DEPOSITS

s LANDSLIDE DEPOSITS

a MORAINAL DEPOSITS

TALUS DEPOSITS

g GRAVEL DEPOSITS

Qoa OLDER ALLUVIAL DEPOSITS

Qs SEDIMENTARY ROCKS--Mostly lake deposits

Qg GRAVEL DEPOSITS

VOLCANIC ROCKS--Undivided

Qbx BRECCIA

Qb4 BASALTIC FLOWS--Locally includes volcanic cinder cones

Qa4 ANDESITE AND RELATED ROCKS OF INTERMEDIATE COMPOSITION--Flows and breccias. Includes such units as the Relief Peak Formation (Slemmons, 1966)

g GRAVEL DEPOSITS

Qr4 RHYOLITIC FLOWS AND SHALLOW INTRUSIVE ROCKS

Qs4 TUFFACEOUS SEDIMENTARY ROCKS--Locally includes minor amount of tuff

d DIATOMITE

Qa3 ANDESITE AND RELATED ROCKS OF INTERMEDIATE COMPOSITION--Flows and breccias. Includes such units at Table Mountain Latite (Slemmons, 1966)

Qr3 RHYOLITIC FLOWS AND SHALLOW INTRUSIVE ROCKS

Qt3 LATITIC ASH-FLOW TUFFS--Includes such units as Eureka Valley Tuff (Slemmons, 1966; Noble and others, 1974) and latite tuff of Truman Meadows (Crowder and others, 1972)

Qs3 TUFFACEOUS SEDIMENTARY ROCKS--Locally includes minor amounts of tuff. Includes such units as Aldrich Station, Coal Valley Formation, and Morgan Ranch Formation (see Gilbert and Reynolds)

Qb2 BASALTIC FLOWS

Qa2 ANDESITE AND RELATED ROCKS OF INTERMEDIATE COMPOSITION--Flows and breccias. Mostly from 18-12 m.y. old. Includes widespread units of uncertain age in Sierra Nevada north of latitude 38°15′

Qr2 RHYOLITIC FLOWS AND SHALLOW INTRUSIVE ROCKS

Qs2 TUFFACEOUS SEDIMENTARY ROCKS--Locally includes minor amount of tuff

Qb1 BASALTIC FLOWS

Qa1 ANDESITE AND RELATED ROCKS OF INTERMEDIATE COMPOSITION--Flows and breccias. Includes such units as rocks of Mount Ferguson

Qr1 RHYOLITIC FLOWS AND SHALLOW INTRUSIVE ROCKS

Qt1 SILICEOUS ASH-FLOW TUFFS--Includes such units as Candelaria Junction Tuff, Belleville Tuff, Metallic City Tuff, Copper Mountain Tuff, Poinsettia Tuff, and Nugent Tuff members of Hu-pui Rhyodacite, Blue Sphinx Tuff, Tuff of Gabbs Valley Petrified Spring Tuff, Singatse Tuff, Mickey Pass Tuff, and Valley Spring Formation (see Slemmons, 1966; Ekren and others, 1978; Proffett and Proffett, 1976; Speed and Cogbill, 1978)

Qs1 TUFFACEOUS SEDIMENTARY ROCKS

Tmi MAFIC INTRUSIVE ROCKS

Tri RHYOLITIC (SILICEOUS) INTRUSIVE ROCKS

Kgr GRANITIC ROCKS

Kp GRANITIC PORPHYRY

Kd DIORITE OR QUARTZ DIORITE

Mzgr GRANITIC ROCKS--Age uncertain

Mzd DIORITIC ROCKS--Age uncertain

Jgr GRANITIC ROCKS

Jp GRANITIC PROPHYRY

Jd DIORITE OR QUARTZ DIORITE

JPsv VOLCANOCLASTIC SEDIMENTARY ROCKS, AND VOLCANIC ROCKS--Undivided

Jvs VOLCANIC AND SEDIMENTARY ROCKS--Includes such units as Dunlap Formation and Preachers Formation, Veta Grande Formation, Gold Bug Formation and Double Spring Formation of Noble (1962)

JTs SILTSTONE AND SHALE--Includes such units as Gabbs and Sunrise Formation and Gardnerville Formation of Noble (1962)

TPzsp SERPENTINITE-

Tc CANDELARIA F

Pbd BLACK DYKE F intrusive

Pm MINA FORMATI

Mc CARBONATE R others, 19

Dc CARBONATE RO

Op PALMETTO FOR

GZs PHYLLITE, Q Formation

Pz UNDIVIDED P

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₋₋₋o	GOLD RANGE FORMATION OF SPEED (1977a)--Mostly coarse- and fine-grained clastic rocks
l	LIMESTONE AND TERRIGENOUS CLASTIC ROCKS--Includes such units as Luning Formation and Oreana Peak Formation of Noble (1962)
lv	LIMESTONE AND VOLCANIC ROCKS--Includes such units as Pamlico Formation of John S. Oldon
v	VOLCANIC ROCKS
Pzp	ROCKS OF THE PICKHANDLE ALLOCHTHON--Serpentinite, limestone, quartz, sandstone, mudstone, sedimentary breccia, chert, and andesite (Speed, 1977b)
Pzsp	SERPENTINITE--In California
Pzc	CANDELARIA FORMATION--Fine- to Coarse-grained clastic rocks (see Speed, 1977b)
Pbd	BLACK DYKE FORMATION OF SPEED (1977a)--Mafic volcanic breccia and minor sedimentary rocks, lava, and mafic intrusive rocks
Pm	MINA FORMATION OF SPEED (1977a)--Chert and siliciclastic sedimentary rocks
Mc	CARBONATE ROCKS--Originally included in Diablo Formation (see Poole and Sandberg, 1977, and Speed and others, 1977)
Dc	CARBONATE ROCKS--Contains abundant quartz sand (see Stanley and others, 1977)
Op	PALMETTO FORMATION--Phyllite and chert
€Zs	PHYLLITE, QUARTZITE, AND MARBLE--Includes known or probable equivalent of the Campita, Poleta, and Harkless Formations
Pzu	UNDIVIDED PALEOZOIC ROCKS--In California

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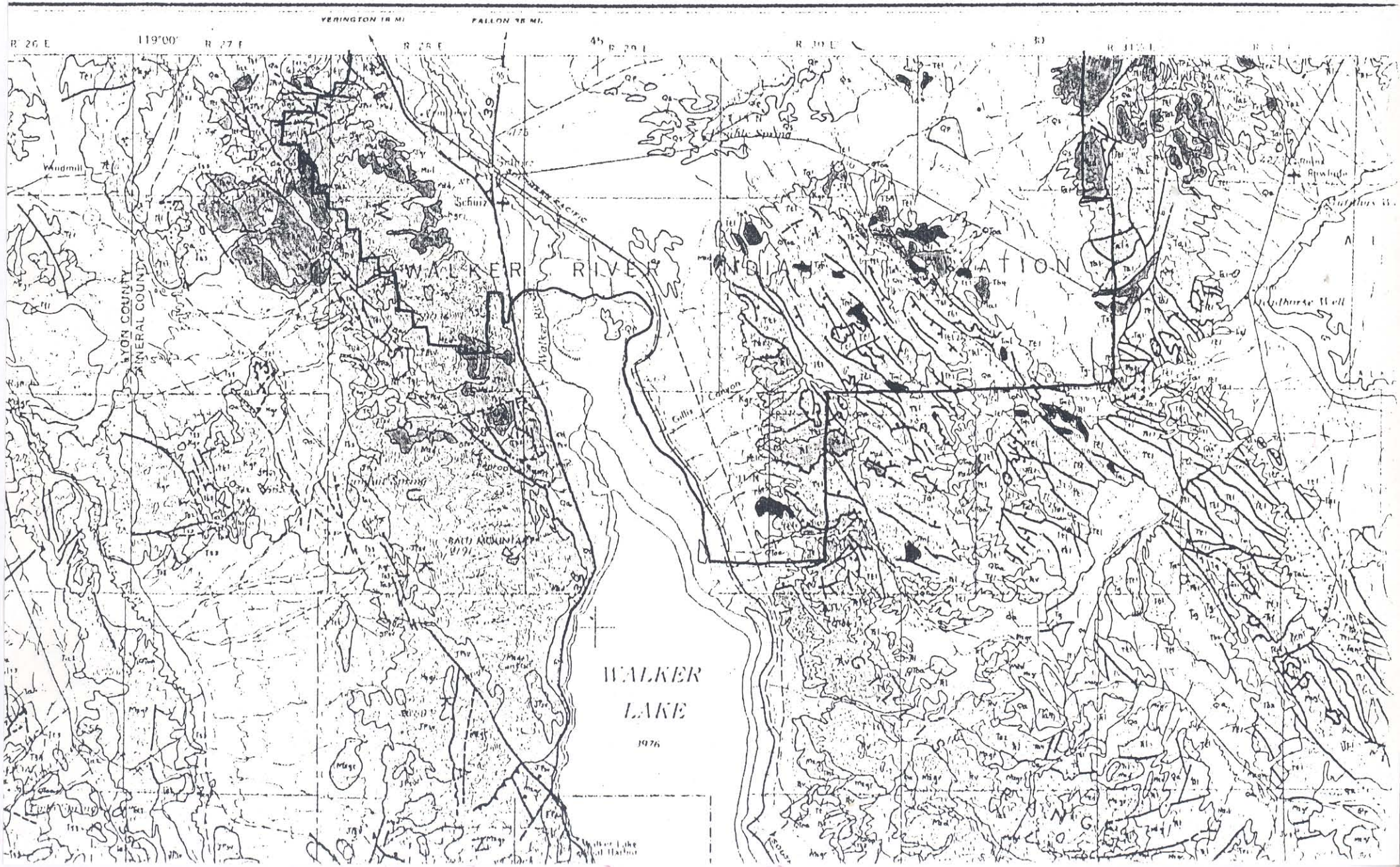
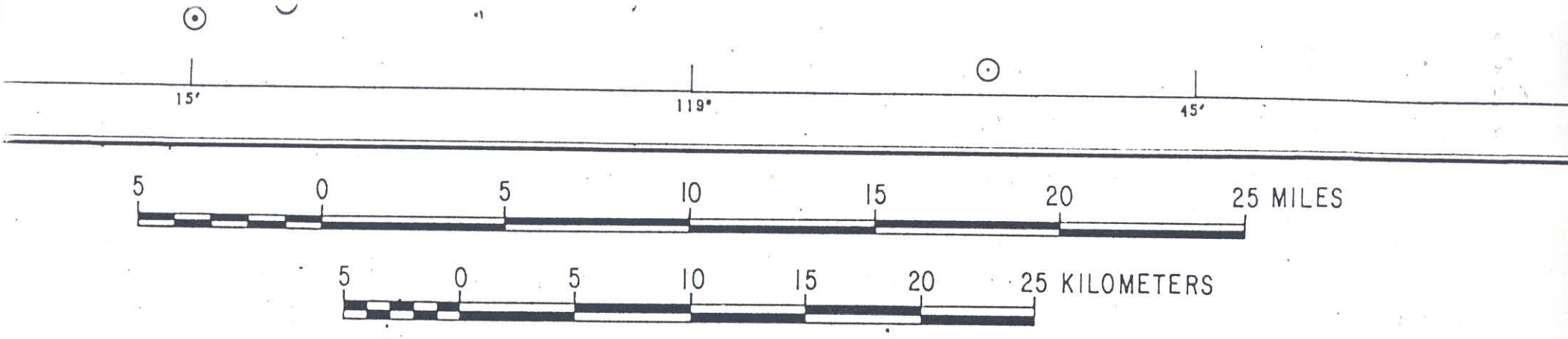
PREPARED IN COOPERATION WITH THE
NEVADA BUREAU OF MINES AND GEOLOGY



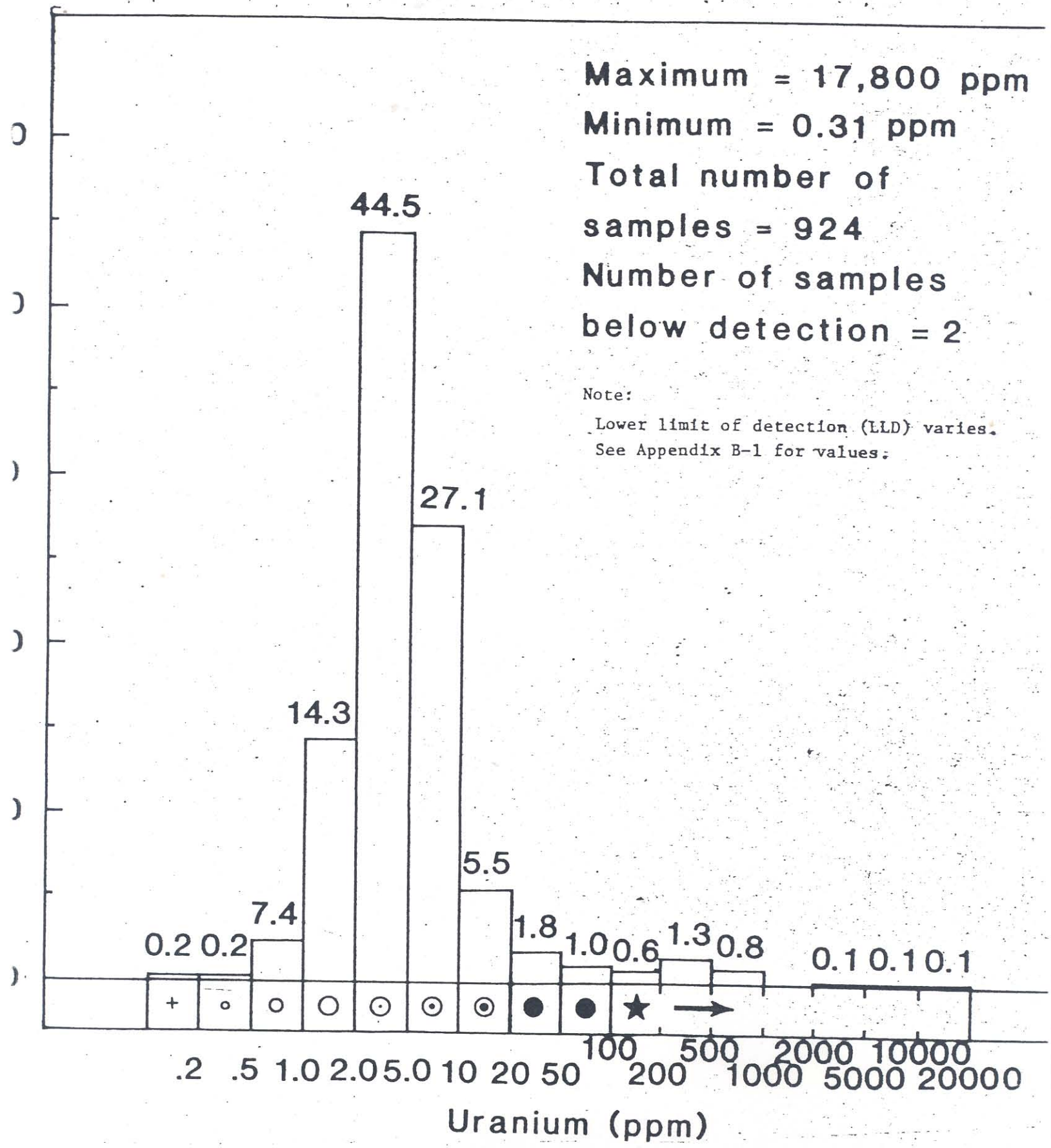


TE 5B.--URANIUM CONTENT OF ROCK SAMPLES

Compiled by

J. Karen Felmlee, U.S. Geological Survey

EXPLANATION



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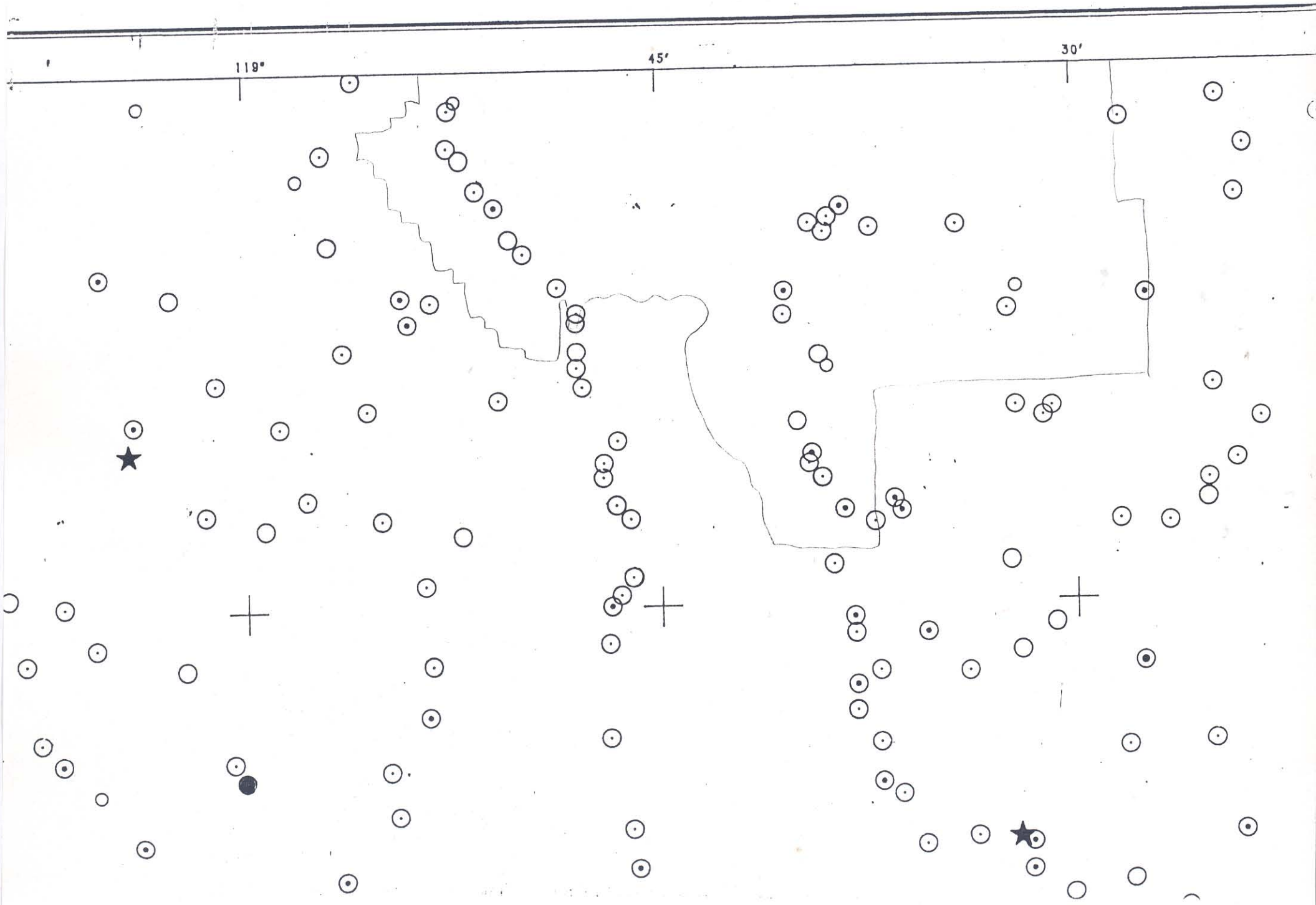
Uranium



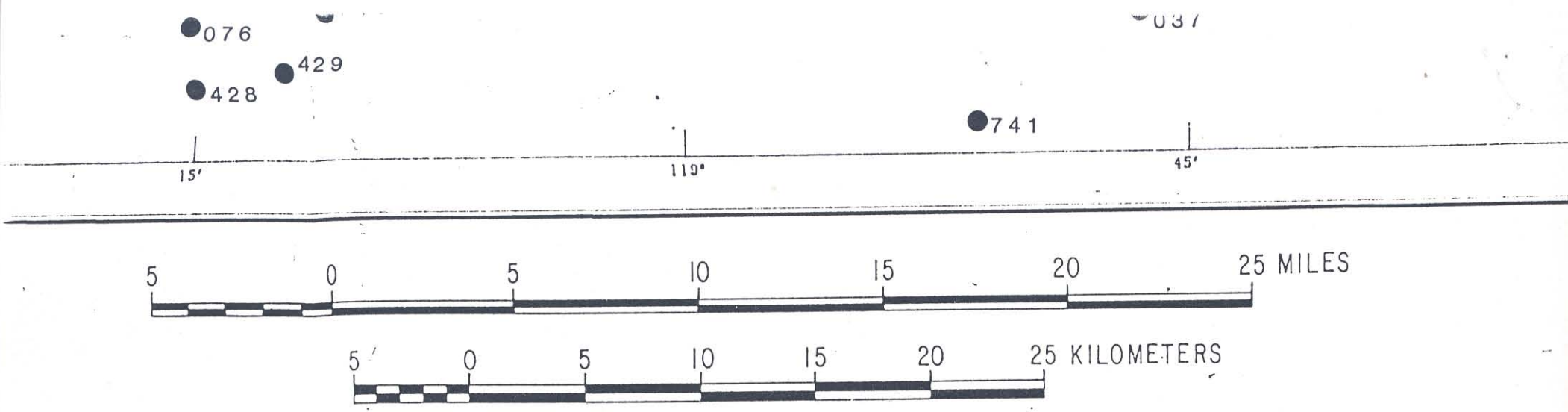
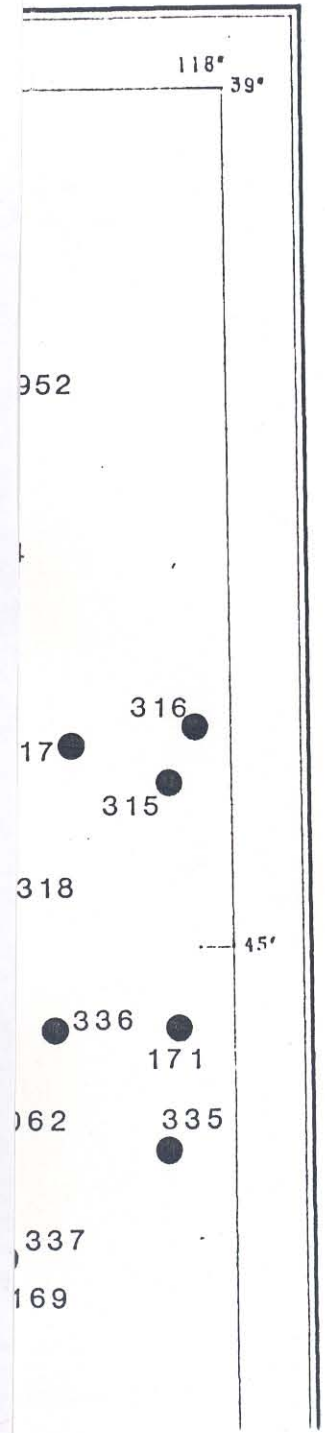


PLATE 5A.--ROCK SAMPLE LOCALITY MAP

Compiled by

David L. Durham and Gordon G. Start, U.S. Geological Survey

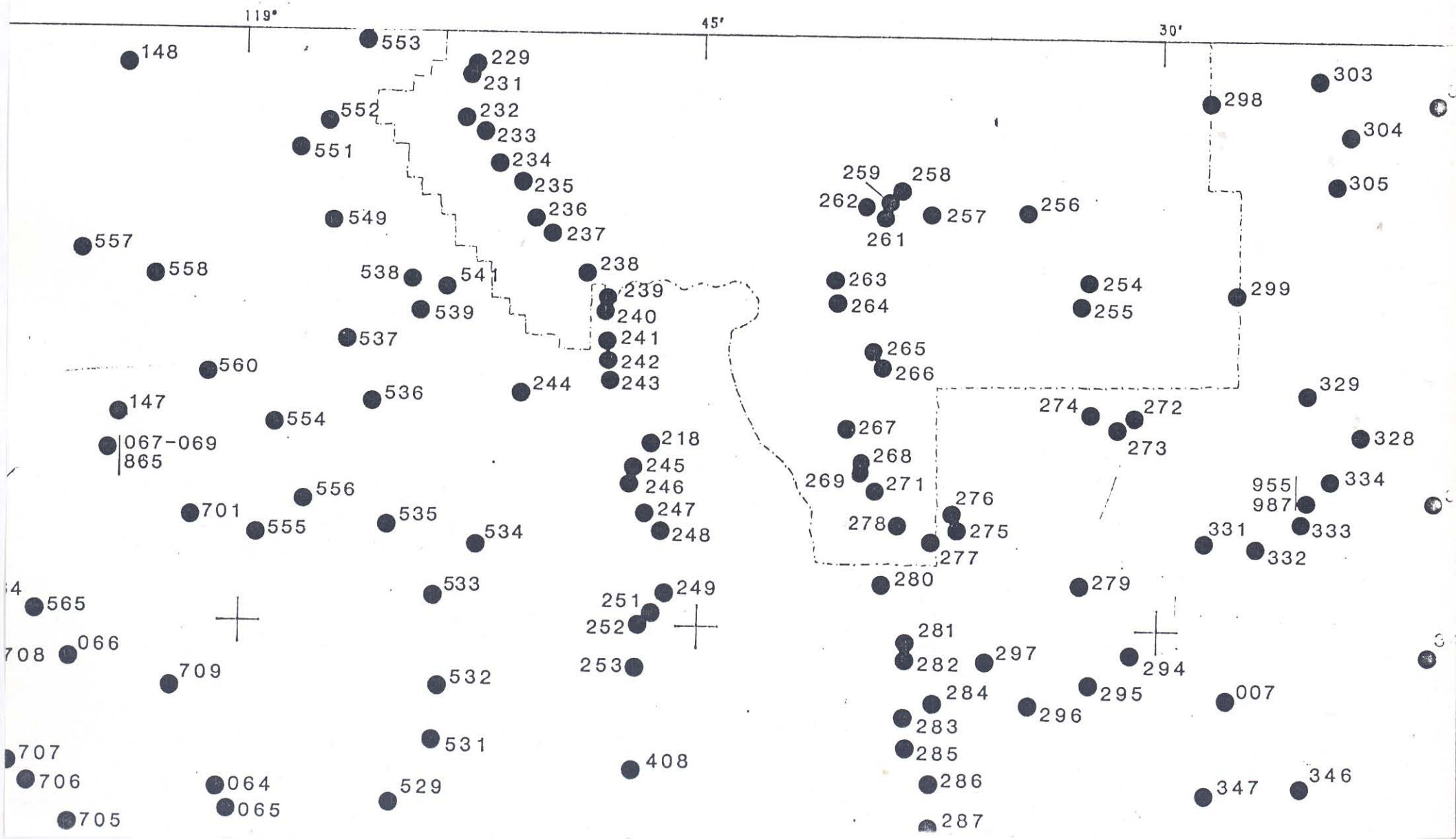


EXPLANATION

● Rock sample locality

All numbers are prefixed by MDY.

Analytical results are shown in Appendix B-1.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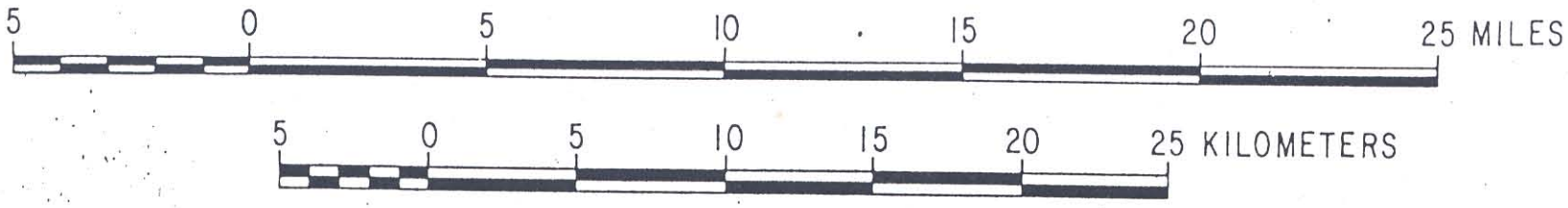
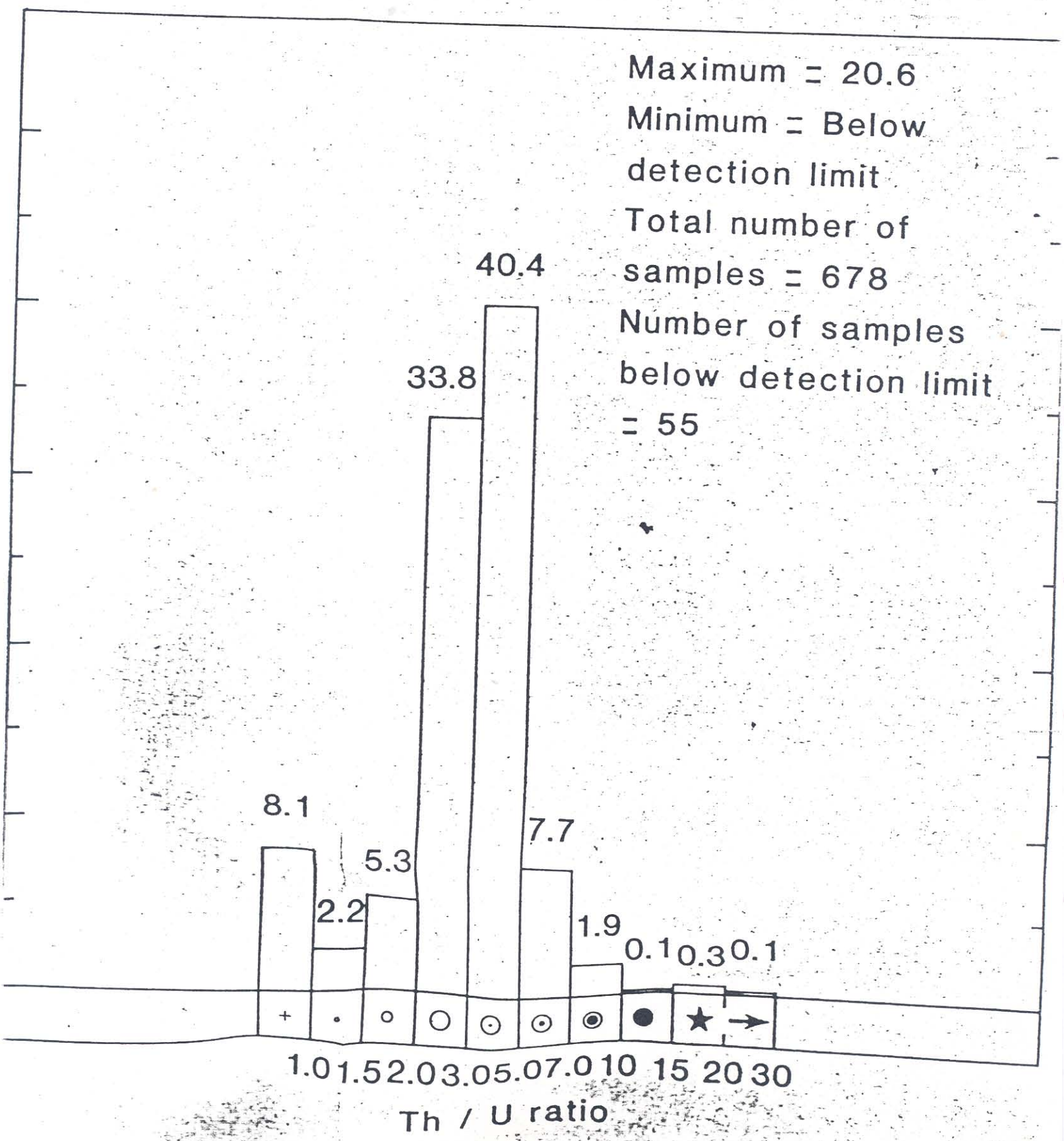


5D.--THORIUM-URANIUM RATIOS OF GRANITIC AND VOLCANIC ROCK SAMPLES

Compiled by

J. Karen Felmlee, U.S. Geological Survey

EXPLANATION



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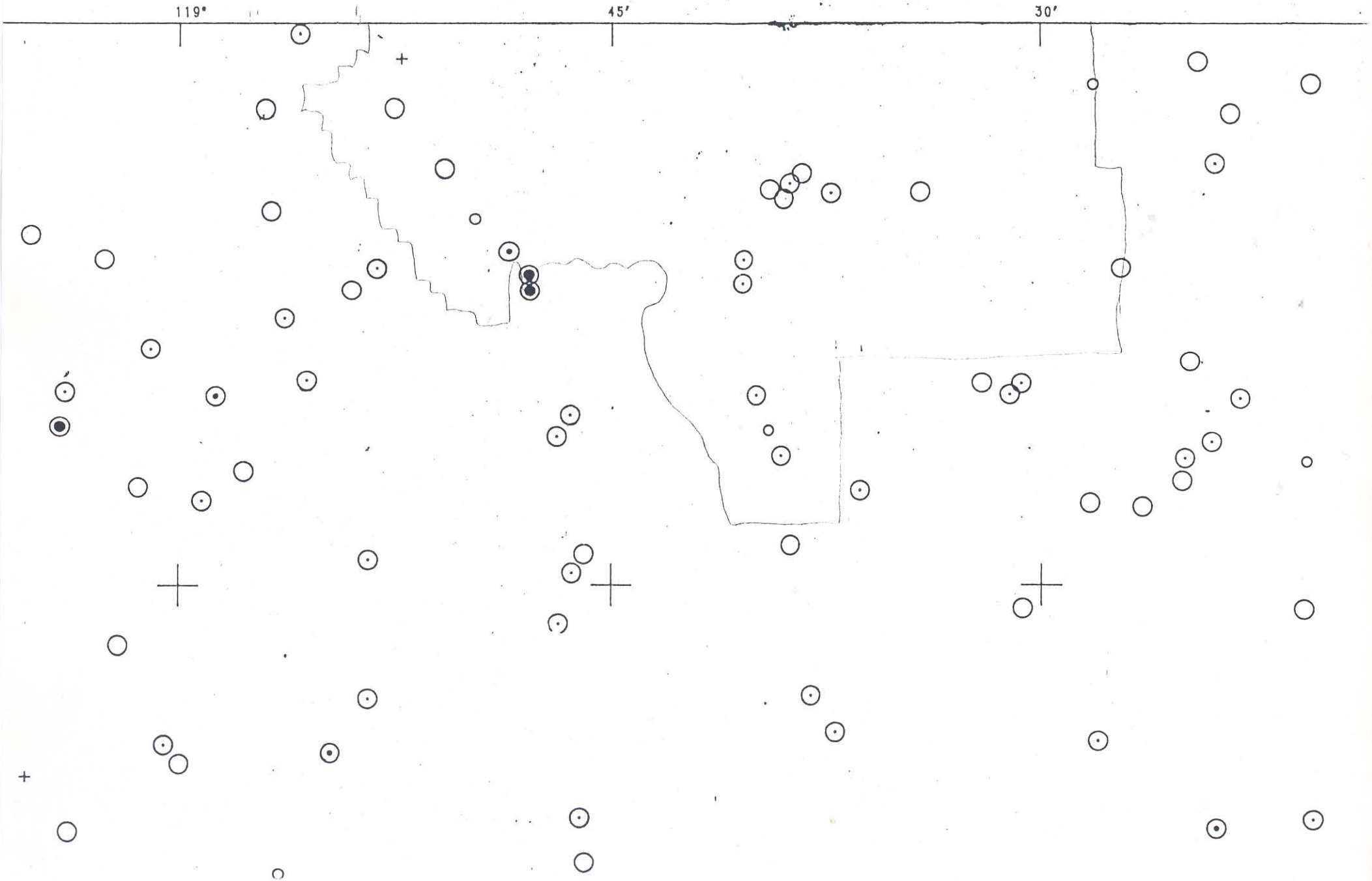
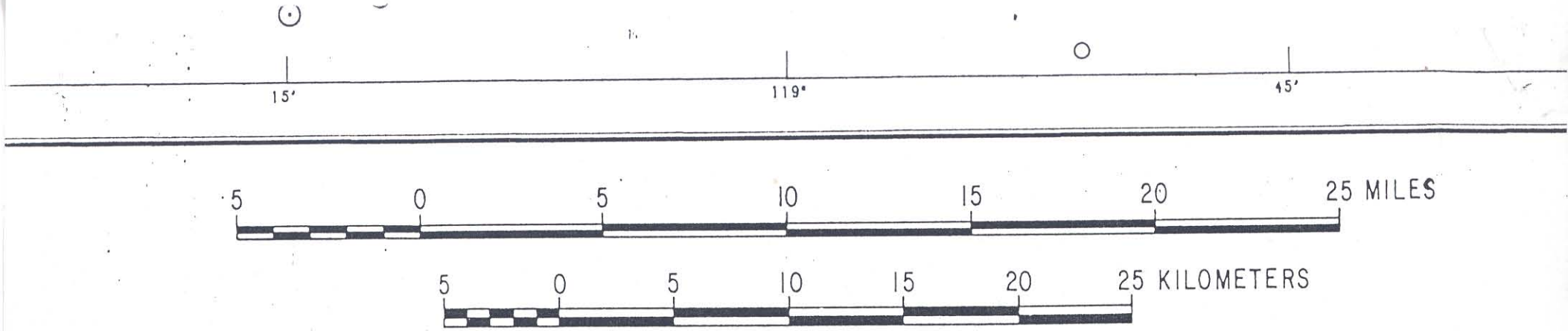




LATE 5C.--THORIUM CONTENT OF ROCK SAMPL

Compiled by

J. Karen Felmlee, U.S. Geological Survey

EXPLANATION

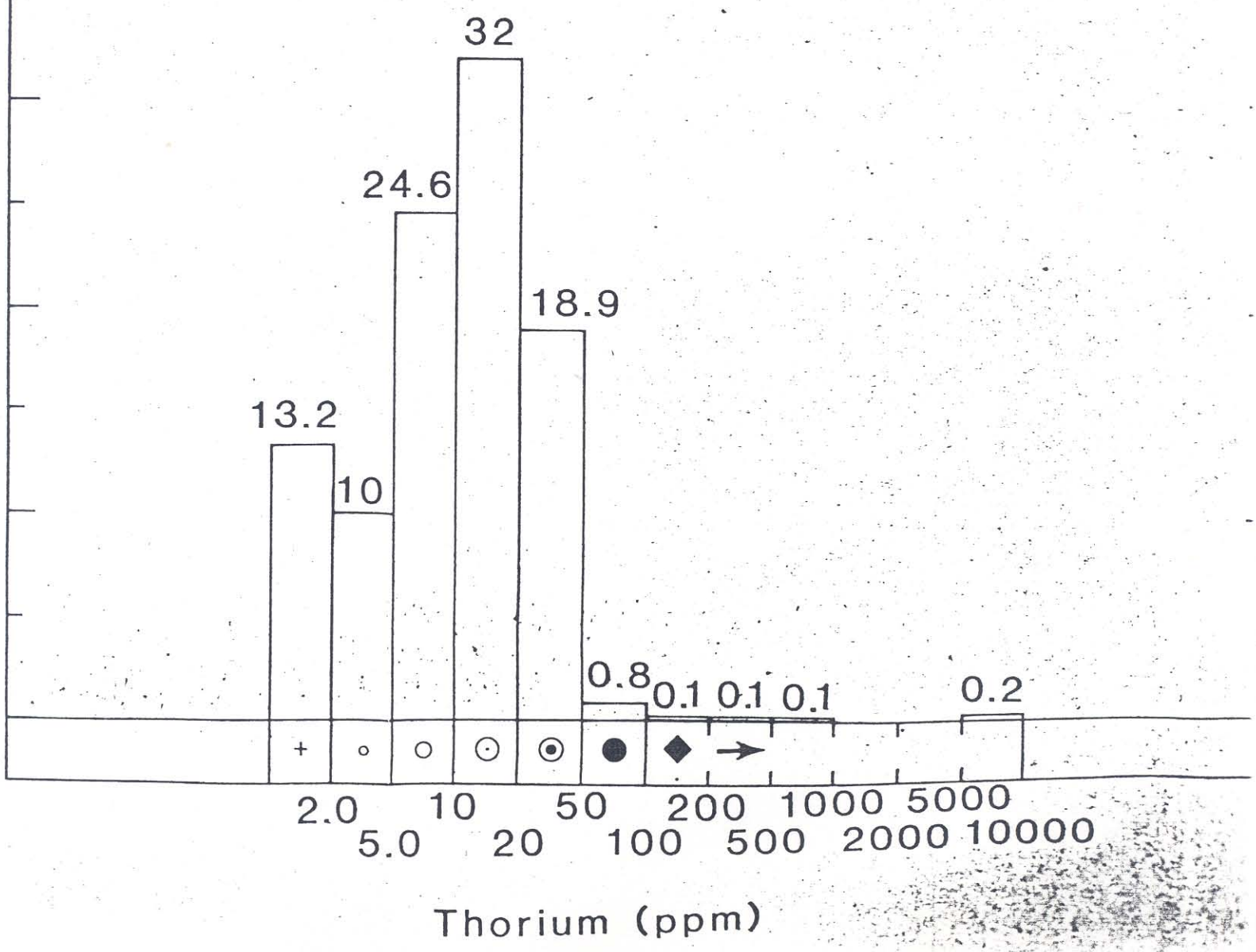
Maximum = 8,990 ppm

Minimum = Below detection limit

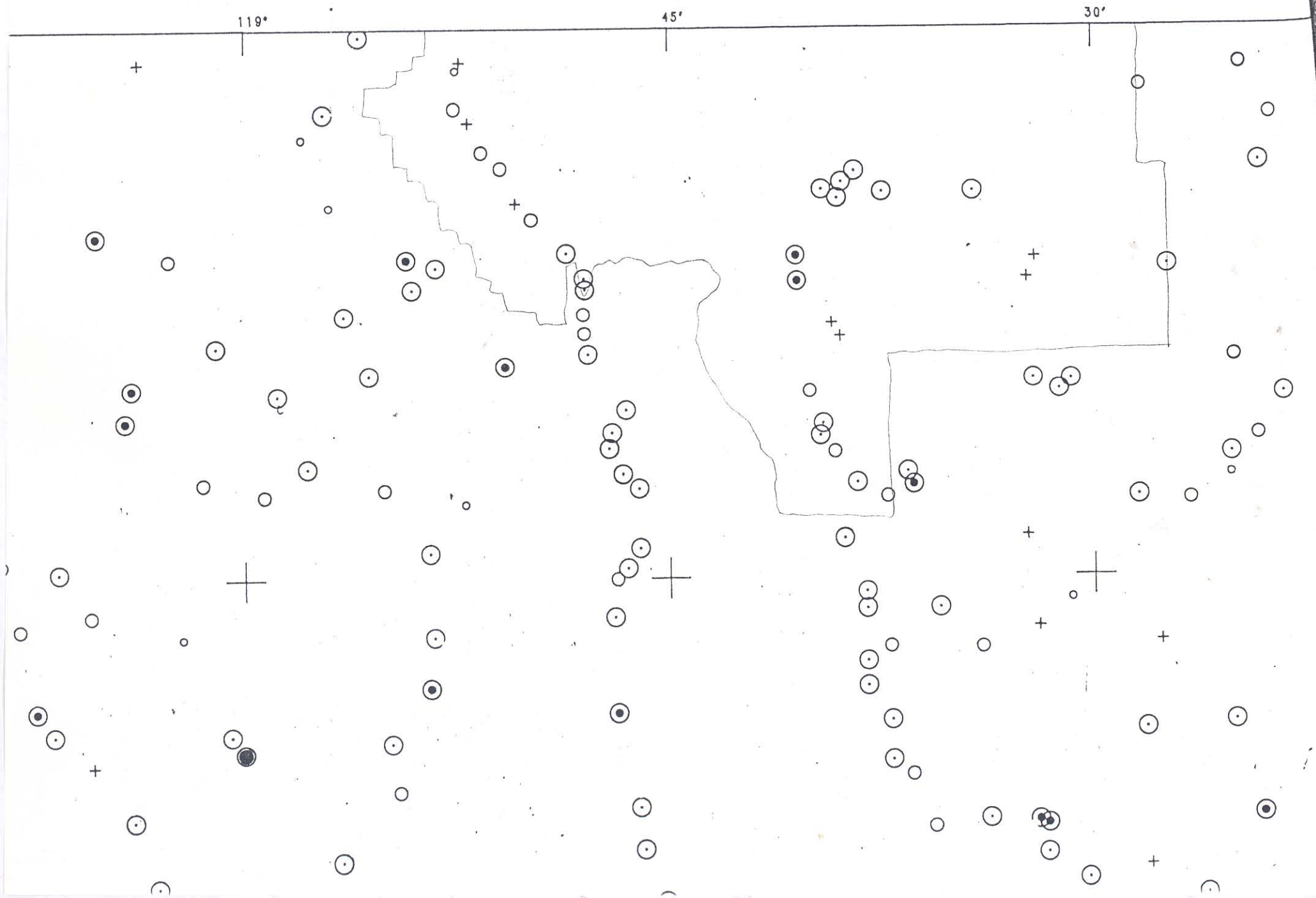
Total number of samples = 924

Number of samples below detection limit = 122

Note: Lower Limit of Detection (LLD) varies. See Appendix B-1 for values.



Thorium



Appendix B-1

Chemical Analyses of Rock Samples

Compiled by

David L. Durham, Maurice Chaffee, J. Karen Felmlee

and Mary Lou Tompkins

[Samples having Field Nos. MDY010, 030, 050, 070, 090, 110, 130, 150, 170, 190, and so on through 990 are replicate samples; samples 020, 060, 100, 140, 180, 220, 260, 300, 340, 380, and so on through 980 are reference samples]

Samples on Walker River Indian Reservation:

Field Nos. MDY 229-240
254-271
277-278
298-299

The geochemical information in this report was retrieved from the Rock Analysis Storage System (RASS) maintained by the Branch of Regional Geochemistry.

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* The data from which this retrieval was made constitute a miscellaneous collection of analyses from a variety of field and        *
* laboratory investigations. The U. S. Geological Survey makes no guarantee of the accuracy or completeness of these data.         *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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The geochemical data are listed by the standard symbols for the chemical element or compound in percent (%) or in parts per million (ppm). Properties not chemical in nature are given in conventional units. Properties which may appear in this listing, but which are not readily interpreted are defined here:

T-Fe2O3	= total iron as ferric oxide
T-H2O	= total water
T-S	= total sulfur as sulfur
T-RE2O3	= total rare earths
T-C	= total carbon as carbon
Orgnc C	= organic carbon
Crbnt C	= carbonate carbon
Grpht C	= graphitic carbon
eTh	= equivalent thorium
eU	= equivalent uranium
Alkl	= alkalinity, as calcium carbonate
Hrdn	= hardness, as calcium carbonate
Hd-c	= carbonate hardness
Hd-nc	= non-carbonate hardness
DSol	= dissolved solids
SSol	= suspended solids
Sp Cndct	= specific conductance, micromhos per centimeter
DOx	= dissolved oxygen
T-N	= total nitrogen
N-org	= organic nitrogen
T-P	= total phosphorus
WSSalts	= water soluble salts
T-C/A	= total carbon as carbon in ash
CO3C/A	= carbonate carbon in ash
Pow Den	= powder density (grams per cubic centimeter)
Bulk Den	= bulk density (grams per cubic centimeter)
Sp Grav	= specific gravity
LOI	= loss on ignition
A Insol	= acid insoluble
Oil/OS	= oil by fischer assay
H2O/OS	= water by fischer assay
Sp Sh	= spent shale by fischer assay
Gas+Los	= gas plus loss by fischer assay
Oil G/T	= oil, gallons per ton by fischer assay
H2O G/T	= water , gallons per ton by fischer assay
Oil Grav	= specific gravity of oil
Coking	= tendency to coke; 1=none, 2=slight, 3=medium, 4=heavy

A label containing "-S" means the element concentration was measured by emission spectrography. A label containing a "/A" means the sample was ashed prior to analysis. Some of the data listed herein may carry with them qualifying codes whose meanings are:

- N = constituent not detected at lower limit of determination
- H = constituent not determined because of interference
- L = constituent less than given value, or if given value is zero, constituent less than lower limit of determination
- G = constituent greater than given value, or if given value is zero, constituent greater than upper limit of determination
- B = blank, no data available
- T = constituent present in trace amounts

If all data for a sample are qualified by the symbol B, it means that the sample has been submitted but not yet analyzed. Very likely, much of the data in this listing will consist of a number in the ascending series 0.0001, 0.00015, 0.0002, 0.0003, 0.0005, 0.0007, 0.0010, 0.0015, 0.0020, ..., 0.1, 0.15, 0.2, 0.3, 0.5, 0.7, 1.0, 1.5, 2.0, 3.0, 5.0, 7.0, 10.0, 15.0, 20.0, ..., 10,000, 15,000, 20,000, 30,000, 50,000, 70,000, and 100,000. These numbers represent approximate midpoints of geometric classes devised for a semi-quantitative scheme of spectrographic analysis described in U. S. Geological Survey Bulletin 1084-T (Myers, Havens and Dunton 1961). The analytical precision may vary from constituent to constituent. Regardless of the apparent number of significant digits given, all data should be rounded to one or two significant digits, and never more than three.

The sample location is given by latitude and longitude in degrees, minutes, and seconds. Some or all of the given locations may be approximate. Zero latitudes and longitudes mean no such information was supplied. The area of collection is given as the state if the sample was collected in the United States and as the general part of the world if the sample was collected outside of the United States. Samples collected from the oceans are identified by oc as, for example, "pacific oc".

Mineral names listed under "sample material" are given as a five-letter code consisting of the first letter followed by the next four consonants (excluding y), unless the name has five or fewer letters in which case the name is fully spelled out. For example, pyroxene is listed as "prxn," orthoclase as "orthc" and mica as "mica."

Three asterisks (***) preceding sample category means sample is mineralized. Two asterisks (**) means sample is altered. One asterisk (*) means sample is otherwise economically important or was collected in a mineralized area.

WALKER LAKE

Sample ID	Submitter Name	Submittal Date	Sample Category	Sample Material
M136175	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	BRECCIA
M136176	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	FELSIC INTRUSIVE
M136177	DURHAM DAVID L	78- 7-27	SEDIMENTARY ROCK	CONGLOMERATE
M136178	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	FELSIC INTRUSIVE
M136179	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	FELSIC INTRUSIVE
M136180	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	INTERMEDIATE EXTRUSIVE
M136181	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	EXTRUSIVE
M136182	DURHAM DAVID L	78- 7-27	METAMORPHIC ROCK	
M136183	DURHAM DAVID L	78- 7-27	SEDIMENTARY ROCK	SANDSTONE
M136184	DURHAM DAVID L	78- 7-27	SEDIMENTARY ROCK	SANDSTONE
M136185	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	FELSIC INTRUSIVE
M136186	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	FELSIC INTRUSIVE
M136187	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	BRECCIA
M136188	DURHAM DAVID L	78- 7-27	SEDIMENTARY ROCK	CONGLOMERATE
M136189	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	BRECCIA
M136190	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	FELSIC PYROCLASTIC
M136191	DURHAM DAVID L	78- 7-27	METAMORPHIC ROCK	
M136192	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	FELSIC
M136193	DURHAM DAVID L	78- 7-27		
M136194	DURHAM DAVID L	78- 7-27		
M136195	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	FELSIC EXTRUSIVE
M136196	DURHAM DAVID L	78- 7-27	METAMORPHIC ROCK	
M136197	DURHAM DAVID L	78- 7-27	METAMORPHIC ROCK	
M136198	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	FELSIC EXTRUSIVE
M136199	DURHAM DAVID L	78- 7-27	IGNEOUS ROCK	FELSIC EXTRUSIVE
M137243	DURHAM DAVID L	78-10- 3	SEDIMENTARY ROCK	
M137244	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137245	DURHAM DAVID L	78-10- 3		
M137246	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137247	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137248	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137249	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137250	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137251	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	INTERMEDIATE INTRUSIVE
M137252	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137253	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	INTERMEDIATE INTRUSIVE
M137254	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	INTRUSIVE
M137255	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137256	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137257	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137258	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137259	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137260	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137261	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137262	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137263	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137264	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137265	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	INTRUSIVE
M137266	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137267	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE

WALKER LAKE

Sample ID	Formation Name	Comments
M136175		VOLCANIC BRECCIA
M136176		GRANITIC ROCK
M136177		CONGLOMERATE
M136178		GRANITIC ROCK
M136179		GRANITIC ROCK
M136180		VOLCANIC ROCK
M136181		VOLCANIC ROCK
M136182		METAMORPHIC ROCK. HIGH LEVEL RADIOACTIVE SAMPLE
M136183		SANDSTONE
M136184		SANDSTONE. REPLICATE SAMPLE SAME AS MDY209
M136185		GRANITIC ROCK
M136186		GRANITIC ROCK
M136187		VOLCANIC BRECCIA
M136188		SANDY CONGLOMERATE
M136189		VOLCANIC BRECCIA
M136190		WHITE TUFF
M136191		METAMORPHIC ROCK
M136192		GRANITIC ROCK
M136193		QUARTZ VEIN
M136194		MISCELLANEOUS ROCK. A-LAB REFERENCE STANDARD SAMPLE
M136195		SILICIFIED RHYOLITIC ROCK
M136196		MINERALIZED BRECCIA
M136197		METAMORPHIC ROCK, SILICIC
M136198		TERTIARY VOLCANIC ROCK
M136199		TERTIARY VOLCANIC ROCK
M137243		TUFFACEOUS SEDIMENTARY ROCK
M137244		ALTERED ROCK
M137245		MINERALIZED ROCK
M137246		GRANITIC ROCK
M137247		GRANITIC ROCK. REPLICATE SAMPLE SAME AS MDY229
M137248		SCHISTOSE METAMORPHIC ROCK
M137249		GRANITIC ROCK
M137250		METAMORPHIC ROCK
M137251		FINE-GRAINED INTRUSIVE ROCK
M137252		GRANITIC ROCK
M137253		PORPHYRITIC INTRUSIVE ROCK
M137254		FINE-GRAINED INTRUSIVE ROCK
M137255		GRANITIC ROCK
M137256		GRANITIC ROCK
M137257		GRANITIC ROCK
M137258		METAMORPHIC ROCK
M137259		METAMORPHIC ROCK
M137260		METAMORPHIC ROCK
M137261		METAMORPHIC ROCK
M137262		GRANITIC ROCK
M137263		GRANITIC ROCK
M137264		GRANITIC
M137265		GRANITIC ROCK
M137266		GRANITIC ROCK
M137267		GRANITIC ROCK. REPLICATE SAMPLE SAME AS MDY249

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Sample ID	Field No.	Area	Latitude	Longitude	Sample Type	Sample Source	Geologic Age
M136175	MDY201	CALIFORNIA	38-20- 2N	119-38-24W	SINGLE	ROADCUT	TERTIARY
M136176	MDY202	CALIFORNIA	38-41-46N	119-59-30W	SINGLE	ROADCUT	
M136177	MDY203	CALIFORNIA	38-35-23N	119-52- 5W	SINGLE	PROSPECT PIT	
M136178	MDY204	CALIFORNIA	38-36-33N	119-54- 5W	SINGLE	ROADCUT	
M136179	MDY205	CALIFORNIA	38-37-39N	119-54-31W	SINGLE	ROADCUT	
M136180	MDY206	CALIFORNIA	38-39- 9N	119-53-22W	SINGLE	ROADCUT	TERTIARY
M136181	MDY207	CALIFORNIA	38-37- 0N	119-45-13W	SINGLE	ROADCUT	TERTIARY
M136182	MDY208	CALIFORNIA	38-34-50N	119-48-23W	SINGLE	MINE DUMP	
M136183	MDY209	CALIFORNIA	38-34-50N	119-48-23W	SINGLE	PROSPECT PIT	
M136184	MDY210	CALIFORNIA	38-34-50N	119-48-23W	SINGLE	PROSPECT PIT	
M136185	MDY211	CALIFORNIA	38-34-53N	119-48-22W	SINGLE	ROADCUT	
M136186	MDY212	CALIFORNIA	38-32- 6N	119-54- 6W	SINGLE	ROADCUT	
M136187	MDY213	CALIFORNIA	38-11-55N	119-53-14W	SINGLE	ROADCUT	TERTIARY
M136188	MDY214	CALIFORNIA	38-10-42N	119-57-13W	SINGLE	ROADCUT	TERTIARY
M136189	MDY215	CALIFORNIA	38-10-46N	119-57-12W	SINGLE	ROADCUT	TERTIARY
M136190	MDY216	CALIFORNIA	38-10-41N	119-58-57W	SINGLE	ROADCUT	
M136191	MDY217	NEVADA	38-59-50N	119-11-20W			
M136192	MDY218	NEVADA	38-49-40N	118-46-35W			
M136193	MDY219	NEVADA	38-36- 0N	118- 9-30W			
M136194	MDY220		0- 0- 0N	0- 0- 0W			
M136195	MDY221	NEVADA	38-54-45N	118-11- 0W			
M136196	MDY222	NEVADA	38-36-50N	118-30-25W			MESOZOIC
M136197	MDY223	NEVADA	38-23-35N	118-37-55W			MESOZOIC
M136198	MDY224	CALIFORNIA	38-12- 5N	119- 6-50W			TERTIARY
M136199	MDY225	NEVADA	38-25-45N	119- 2-35W			TERTIARY
M137243	MDY226	NEVADA	38-25-45N	119- 3-30W			TERTIARY
M137244	MDY227	NEVADA	38-53-20N	119-34-55W			MESOZOIC
M137245	MDY228	NEVADA	38-52-25N	119-34-20W	SINGLE	MINE DUMP	
M137246	MDY229	NEVADA	38-59-13N	118-52-25W			
M137247	MDY230	NEVADA	38-59-13N	118-52-25W			
M137248	MDY231	NEVADA	38-58-53N	118-52-38W			
M137249	MDY232	NEVADA	38-57-55N	118-52-41W			
M137250	MDY233	NEVADA	38-57-35N	118-52-22W			
M137251	MDY234	NEVADA	38-56-43N	118-51-40W			
M137252	MDY235	NEVADA	38-56-23N	118-51- 3W			
M137253	MDY236	NEVADA	38-55-37N	118-50-28W			
M137254	MDY237	NEVADA	38-54-58N	118-50- 2W			
M137255	MDY238	NEVADA	38-54- 9N	118-48-53W			
M137256	MDY239	NEVADA	38-53-22N	118-48- 9W			
M137257	MDY240	NEVADA	38-53- 3N	118-48-16W			
M137258	MDY241	NEVADA	38-52-18N	118-48- 9W			
M137259	MDY242	NEVADA	38-51-49N	118-48- 6W			
M137260	MDY243	NEVADA	38-51-18N	118-47-58W			
M137261	MDY244	NEVADA	38-50-51N	118-50-59W			
M137262	MDY245	NEVADA	38-49- 2N	118-47- 8W			
M137263	MDY246	NEVADA	38-48-42N	118-47-16W			
M137264	MDY247	NEVADA	38-47-57N	118-46-47W			
M137265	MDY248	NEVADA	38-47-36N	118-46-10W			
M137266	MDY249	NEVADA	38-45-55N	118-46-10W			
M137267	MDY250	NEVADA	38-45-55N	118-46-10W			

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Sample ID	Submitter Name	Submittal Date	Sample Category	Sample Material
M137268	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	INTRUSIVE
M137269	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137270	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137271	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137272	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137273	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	INTERMEDIATE EXTRUSIVE
M137274	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137275	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC EXTRUSIVE
M137276	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	PYROCLASTIC
M137277	DURHAM DAVID L	78-10- 3		
M137278	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	PYROCLASTIC
M137279	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	PYROCLASTIC
M137280	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	PYROCLASTIC
M137281	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	PYROCLASTIC
M137282	DURHAM DAVID L	78-10- 3	SEDIMENTARY ROCK	LIMESTONE, MARLSTONE
M137283	DURHAM DAVID L	78-10- 3	SEDIMENTARY ROCK	LIMESTONE, MARLSTONE
M137284	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137285	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	INTERMEDIATE EXTRUSIVE
M137286	DURHAM DAVID L	78-10- 3	SEDIMENTARY ROCK	SANDSTONE
M137287	DURHAM DAVID L	78-10- 3	SEDIMENTARY ROCK	SANDSTONE
M137288	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC EXTRUSIVE
M137289	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC EXTRUSIVE
M137290	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	EXTRUSIVE
M137291	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC EXTRUSIVE
M137292	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC EXTRUSIVE
M137293	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137294	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	MAFIC EXTRUSIVE
M137295	DURHAM DAVID L	78-10- 3	SEDIMENTARY ROCK	MUDSTONE
M137296	DURHAM DAVID L	78-10- 3	SEDIMENTARY ROCK	MUDSTONE
M137297	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	PYROCLASTIC
M137298	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137299	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137300	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137301	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	INTERMEDIATE INTRUSIVE
M137302	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137303	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	FELSIC INTRUSIVE
M137304	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137305	DURHAM DAVID L	78-10- 3	SEDIMENTARY ROCK	SANDSTONE
M137306	DURHAM DAVID L	78-10- 3	SEDIMENTARY ROCK	SANDSTONE
M137307	DURHAM DAVID L	78-10- 3	SEDIMENTARY ROCK	SANDSTONE
M137308	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137309	DURHAM DAVID L	78-10- 3	METAMORPHIC ROCK	
M137310	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	MAFIC EXTRUSIVE
M137311	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	INTERMEDIATE INTRUSIVE
M137312	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	MAFIC EXTRUSIVE
M137313	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	MAFIC EXTRUSIVE
M137314	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	MAFIC INTRUSIVE
M137315	DURHAM DAVID L	78-10- 3	IGNEOUS ROCK	INTERMEDIATE EXTRUSIVE
M137316	DURHAM DAVID L	78-10- 3	SEDIMENTARY ROCK	SANDSTONE
M137317	DURHAM DAVID L	78-10- 3		

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Sample ID	Formation Name	Comments
M137268		METAMORPHIC ROCK
M137269		METAMORPHIC ROCK
M137270		GRANITIC ROCK
M137271		SLATY METAMORPHIC ROCK
M137272		SLATE
M137273		VOLCANIC ROCK
M137274		GRANITIC ROCK
M137275		VOLCANIC ROCK
M137276		TUFFACEOUS ROCKS
M137277		A-LAB REFERENCE STANDARD SAMPLE
M137278		TUFFACEOUS ROCK
M137279		TUFF
M137280		FELSIC TUFFACEOUS ROCK
M137281		TUFFACEOUS VOLCANIC ROCK
M137282		LIMESTONE
M137283		COARSELY CRYSTALLINE LIMESTONE
M137284		GRANITIC ROCK
M137285		VOLCANIC ROCK
M137286		TUFFACEOUS SEDIMENTARY ROCK
M137287		TUFFACEOUS SEDIMENTARY ROCK. REPLICATE SAMPLE SAME AS MDY269
M137288		VOLCANIC ROCK
M137289		VOLCANIC ROCK
M137290		VOLCANIC ROCK
M137291		WELDED TUFF
M137292		VOLCANIC TUFF
M137293		METAMORPHIC ROCK
M137294		MAFIC VOLCANIC ROCK
M137295		METACALCAREOUS ROCK
M137296		META-DOLOMITE ROCK
M137297		PYROCLASTIC ROCK
M137298		METAMORPHIC ROCK
M137299		METAVOLCANIC ROCK
M137300		METAMORPHIC ROCK
M137301		INTRUSIVE ROCK
M137302		META-GRANITIC ROCK
M137303		GRANITIC ROCK
M137304		META-CONGLOMERATE
M137305		TUFFACEOUS SANDSTONE
M137306		SILTY SANDSTONE
M137307		SILTY SANDSTONE. REPLICATE SAMPLE SAME AS MDY289
M137308		METAMORPHIC ROCK
M137309		METAMORPHIC ROCK
M137310		MAFIC IGNEOUS ROCK
M137311		INTRUSIVE ROCK
M137312		MAFIC VOLCANIC ROCK
M137313		MAFIC VOLCANIC ROCK
M137314		MAFIC VOLCANIC ROCK
M137315		PORPHYRITIC VOLCANIC ROCK
M137316		PUMACEOUS TUFF
M137317		A-LAB STANDARD REFERENCE SAMPLE

WALKER LAKE

Sample ID	Field No.	Area	Latitude	Longitude	Sample Type	Sample Source	Geologic Age
M137268	MDY251	NEVADA	38-45-24N	118-46-34W			
M137269	MDY252	NEVADA	38-45- 4N	118-46-55W			
M137270	MDY253	NEVADA	38-44- 2N	118-47- 0W			
M137271	MDY254	NEVADA	38-53-55N	118-32- 9W			
M137272	MDY255	NEVADA	38-53-22N	118-32-31W			
M137273	MDY256	NEVADA	38-55-42N	118-34-21W			
M137274	MDY257	NEVADA	38-55-41N	118-37-28W			
M137275	MDY258	NEVADA	38-56-14N	118-36-31W			
M137276	MDY259	NEVADA	38-55-55N	118-38-55W			
M137277	MDY260		0- 0- 0N	0- 0- 0W			
M137278	MDY261	NEVADA	38-55-28N	118-39- 3W			
M137279	MDY262	NEVADA	38-55-45N	118-39-40W			
M137280	MDY263	NEVADA	38-53-54N	118-40-49W			
M137281	MDY264	NEVADA	38-53-15N	118-40-43W			
M137282	MDY265	NEVADA	38-52- 1N	118-39-26W			
M137283	MDY266	NEVADA	38-51-40N	118-39- 0W			
M137284	MDY267	NEVADA	38-50- 8N	118-40- 4W			
M137285	MDY268	NEVADA	38-49-14N	118-39-49W			
M137286	MDY269	NEVADA	38-48-56N	118-39-46W			
M137287	MDY270	NEVADA	38-48-56N	118-39-46W			
M137288	MDY271	NEVADA	38-48-37N	118-39-20W			
M137289	MDY272	NEVADA	38-50-29N	118-30-57W			
M137290	MDY273	NEVADA	38-50-11N	118-31-21W			
M137291	MDY274	NEVADA	38-50-31N	118-32-13W			
M137292	MDY275	NEVADA	38-47-37N	118-36-27W			
M137293	MDY276	NEVADA	38-47-54N	118-36-40W			
M137294	MDY277	NEVADA	38-47-21N	118-37-25W			
M137295	MDY278	NEVADA	38-47-39N	118-38-30W			
M137296	MDY279	NEVADA	38-46-14N	118-32-36W			
M137297	MDY280	NEVADA	38-46-15N	118-38-51W			
M137298	MDY281	NEVADA	38-44-43N	118-38-10W			
M137299	MDY282	NEVADA	38-44-20N	118-38-10W			
M137300	MDY283	NEVADA	38-42-47N	118-38- 2W			
M137301	MDY284	NEVADA	38-43-16N	118-37-20W			
M137302	MDY285	NEVADA	38-42- 6N	118-38-10W			
M137303	MDY286	NEVADA	38-41-13N	118-37-21W			
M137304	MDY287	NEVADA	38-40- 5N	118-37-13W			
M137305	MDY288	NEVADA	38-39-46N	118-36-29W			
M137306	MDY289	NEVADA	38-38-22N	118-35-47W			
M137307	MDY290	NEVADA	38-38-22N	118-35-47W			
M137308	MDY291	NEVADA	38-38-36N	118-33-57W			
M137309	MDY292	NEVADA	38-38-25N	118-31-52W			
M137310	MDY293	NEVADA	38-37-38N	118-31-52W			
M137311	MDY294	NEVADA	38-44-29N	118-30-52W			
M137312	MDY295	NEVADA	38-43-46N	118-32-11W			
M137313	MDY296	NEVADA	38-43-16N	118-34- 4W			
M137314	MDY297	NEVADA	38-44-20N	118-35-35W			
M137315	MDY298	NEVADA	38-58-24N	118-28-37W			
M137316	MDY299	NEVADA	38-53-42N	118-27-33W			
M137317	MDY300		0- 0- 0N	0- 0- 0W			

WALKER LAKE

sample	LATITUDE	LONGITUD	U ppm	Th ppm	Al%-S	Ca%-S	Fe%-S	K%-S	Mg%-S	Na%-S
MDY226	38 25 45	119 3 30	3.05	10.70	8.80	2.40	2.50	1.60	1.20	1.80
MDY227	38 53 20	119 34 55	2.28	<2.30	2.10	18.00	1.80	.39	5.50	.39
MDY228	38 52 25	119 34 20	2.73	<2.30	2.60	>20.00	1.70	.35	.48	.37
MDY229	38 59 13	118 52 25	.83	<1.70	9.90	1.90	1.10	3.30	.38	5.70
MDY230	38 59 13	118 52 25	.95	<1.80	8.90	1.80	1.00	2.70	.36	4.30
MDY231	38 58 53	118 52 38	2.00	4.93	11.00	6.80	5.60	1.90	2.70	3.60
MDY232	38 57 55	118 52 41	2.25	5.82	9.70	4.00	3.90	2.00	1.80	3.50
MDY233	38 57 35	118 52 22	1.18	<1.80	11.00	7.80	5.60	1.60	3.50	2.80
MDY234	38 56 43	118 51 40	2.80	5.20	10.00	4.20	4.30	2.40	2.00	3.20
MDY235	38 56 23	118 51 3	2.28	5.52	9.40	2.60	2.60	2.20	.76	3.90
MDY236	38 55 37	118 50 28	1.19	<2.10	11.00	7.80	6.20	2.00	4.10	3.90
MDY237	38 54 58	118 50 2	3.11	5.30	9.10	6.50	4.60	2.40	4.10	3.20
MDY238	38 54 9	118 48 53	3.24	17.90	6.70	.55	.84	4.70	.18	4.30
MDY239	38 53 22	118 48 9	2.29	17.50	7.70	.44	1.10	4.10	.30	3.80
MDY240	38 53 3	118 48 16	1.91	14.30	7.10	1.00	.90	4.40	.20	4.20
MDY241	38 52 18	118 48 9	1.83	5.32	11.00	8.20	5.90	1.40	2.20	2.90
MDY242	38 51 49	118 48 6	3.72	9.51	7.90	11.00	7.90	3.20	5.50	.91
MDY243	38 51 18	118 47 58	2.37	10.40	10.00	6.90	5.90	3.60	3.00	3.70
MDY244	38 50 51	118 50 59	4.76	22.70	9.40	1.20	3.90	.49	3.30	5.00
MDY245	38 49 2	118 47 8	3.72	11.20	9.00	.94	2.50	2.70	.86	5.70
MDY246	38 48 42	118 47 16	3.92	12.80	8.20	1.80	2.10	3.20	.57	2.80
MDY247	38 47 57	118 46 47	4.59	19.60	7.00	.64	1.10	4.80	.20	3.40
MDY248	38 47 36	118 46 10	3.02	15.10	8.10	1.60	1.60	3.70	.38	3.90
MDY249	38 45 55	118 46 10	3.43	12.70	9.10	1.90	2.10	3.40	.50	4.10
MDY250	38 45 55	118 46 10	3.61	14.60	8.00	1.70	2.30	3.10	.52	3.40
MDY251	38 45 24	118 46 34	3.99	15.80	8.20	1.60	2.00	3.20	.51	3.50
MDY252	38 45 4	118 46 55	5.90	7.12	9.20	3.40	3.90	.21	1.10	4.20
MDY253	38 44 2	118 47 0	3.09	12.50	8.30	1.70	1.70	2.90	.48	3.60
MDY254	38 53 55	118 32 9	.91	<1.70	10.00	4.50	4.00	1.70	1.90	3.30
MDY255	38 53 22	118 32 31	2.83	<2.40	.44	>20.00	<.05	.27	.32	<.15
MDY256	38 55 42	118 34 21	4.05	11.10	9.70	2.20	2.60	3.30	.57	2.60
MDY257	38 55 41	118 37 28	4.46	16.20	8.90	.68	1.20	>5.00	.24	4.90
MDY258	38 56 14	118 38 31	5.19	13.50	8.20	1.80	1.50	3.90	.25	3.30
MDY259	38 55 55	118 38 55	4.28	17.30	--	.53	<.10	--	<.20	2.20
MDY260	0 0 0B	0 0 0B	3.76	16.50	7.10	.44	.56	>5.00	<.10	2.70
MDY261	38 55 28	118 39 3	4.51	10.90	10.00	3.70	2.70	3.70	1.10	3.60
MDY262	38 55 45	118 39 40	4.86	11.00	8.10	.86	1.60	4.90	.20	3.90
MDY263	38 53 54	118 40 49	5.22	24.80	6.90	.92	.39	4.00	.14	2.60
MDY264	38 53 15	118 40 43	4.94	22.40	6.60	.52	.39	4.10	.11	2.80
MDY265	38 52 1	118 39 26	1.73	<2.00	<.25	>20.00	.22	.08	11.00	<.15
MDY266	38 51 40	118 39 0	.85	<1.70	.38	>20.00	<.05	.33	1.80	<.15
MDY267	38 50 8	118 40 4	1.57	5.15	9.50	1.80	1.10	3.00	.45	6.50
MDY268	38 49 14	118 39 49	7.90	14.80	8.60	1.40	1.30	3.50	.28	3.50
MDY269	38 48 56	118 39 46	4.40	10.50	9.10	2.00	2.10	2.60	.64	3.70
MDY270	38 48 56	118 39 46	4.42	12.30	9.60	2.20	2.10	2.30	.68	4.00

WALKER LAKE

sample	P%-S	Si%-S	Ti%-S	Ag ppm-S	As ppm-S	Au ppm-S	B ppm-S	Ba ppm-S	Be ppm-S	Bi ppm-S
MDY226	.05	31	.300	<1.0	<200	<10	<10	1,000	2.7	<10
MDY227	<.02	16	.070	11.0	<200	<10	<10	240	5.6	160
MDY228	<.02	<10	.090	<1.0	<200	<10	<10	310	4.4	<10
MDY229	.07	39	.200	<1.0	<200	<10	<10	1,400	2.5	<10
MDY230	.06	36	.220	<1.0	<200	<10	<10	1,200	2.3	<10
MDY231	.07	34	.530	<1.0	<200	<10	<10	1,100	2.3	<10
MDY232	.07	31	.400	<1.0	<200	<10	<10	1,000	2.1	<10
MDY233	.08	28	.530	<1.0	<200	<10	<10	570	1.7	<10
MDY234	.07	32	.520	<1.0	<200	<10	<10	980	2.4	<10
MDY235	.06	34	.310	<1.0	<200	<10	<10	2,400	1.9	<10
MDY236	.11	27	.710	<1.0	<200	<10	<10	1,100	2.2	<10
MDY237	.08	32	.470	<1.0	<200	<10	<10	1,400	2.6	<10
MDY238	.03	>40	.090	<1.0	<200	<10	<10	1,100	2.2	<10
MDY239	.04	>40	.110	<1.0	<200	<10	<10	1,300	2.5	<10
MDY240	.04	40	.100	<1.0	<200	<10	<10	1,300	2.0	<10
MDY241	.10	30	.580	<1.0	<200	<10	<10	630	2.0	<10
MDY242	.12	26	.450	<1.0	<200	<10	<10	1,700	4.1	<10
MDY243	.10	28	.450	<1.0	<200	<10	<10	2,500	2.4	<10
MDY244	.07	26	.300	<1.0	<200	<10	<10	170	1.6	<10
MDY245	.06	37	.240	<1.0	<200	<10	<10	1,100	2.1	<10
MDY246	.05	37	.210	<1.0	<200	<10	<10	1,800	2.1	<10
MDY247	.03	>40	.120	<1.0	<200	<10	<10	1,700	1.6	<10
MDY248	.05	40	.150	<1.0	<200	<10	<10	1,800	2.3	<10
MDY249	.05	>40	.190	<1.0	<200	<10	<10	1,500	2.6	<10
MDY250	.05	>40	.190	<1.0	<200	<10	<10	1,400	2.4	<10
MDY251	.05	>40	.180	<1.0	<200	<10	<10	1,400	2.5	<10
MDY252	.09	34	.510	<1.0	<200	<10	<10	120	2.3	<10
MDY253	.05	39	.160	<1.0	<200	<10	<10	1,300	2.7	<10
MDY254	.08	30	.510	<1.0	<200	<10	<10	940	2.0	<10
MDY255	<.02	<10	.030	1.5	<200	<10	<10	110	<1.0	<10
MDY256	.04	37	.350	<1.0	<200	<10	<10	1,500	3.2	<10
MDY257	.04	38	.240	<1.0	<200	<10	<10	1,200	3.3	<10
MDY258	.04	35	.200	<1.0	<200	<10	<10	1,100	2.8	<10
MDY259	.06	--	.100	<2.0	<400	<20	<20	490	3.6	<10
MDY260	.03	39	.030	<1.0	<200	<10	<10	200	2.7	<10
MDY261	.06	34	.400	<1.0	<200	<10	<10	1,200	2.6	<10
MDY262	.04	40	.170	<1.0	<200	<10	<10	1,100	3.0	<10
MDY263	.04	38	.070	<1.0	<200	<10	21	210	4.3	<10
MDY264	.04	40	.080	<1.0	<200	<10	12	300	3.1	<10
MDY265	<.02	<10	<.030	<1.0	<200	<10	<10	31	<1.0	<10
MDY266	<.02	<10	<.030	.0	<200	<10	<10	25	<1.0	<10
MDY267	.06	37	.230	<1.0	<200	<10	<10	960	3.0	<10
MDY268	.04	34	.240	<1.0	<200	<10	<10	1,000	2.8	<10
MDY269	.06	34	.380	<1.0	<200	<10	20	1,500	2.8	<10
MDY270	.07	35	.400	<1.0	<200	<10	24	1,600	3.0	<10

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sample	Cd ppm-S	Ce ppm-S	Co ppm-S	Cr ppm-S	Cu ppm-S	Ga ppm-S	Hg ppm-S	La ppm-S	Li ppm-S	Mn ppm-S
MDY226	<2.0	<100	9.6	25.00	15.000	15	<500	38	<50	490
MDY227	7.7	<100	10.0	17.00	5.000	<10	<500	35	<50	2,100
MDY228	67.0	<100	10.0	14.00	19.000	<10	<500	63	<50	4,400
MDY229	<2.0	<100	3.8	<10.00	4.300	22	<500	<20	<50	300
MDY230	<2.0	<100	3.4	<10.00	3.900	18	<500	<20	<50	280
MDY231	<2.0	<100	23.0	17.00	30.000	21	<500	33	<50	1,500
MDY232	<2.0	<100	17.0	17.00	43.000	19	<500	25	<50	860
MDY233	<2.0	<100	25.0	30.00	72.000	23	<500	28	<50	1,200
MDY234	<2.0	<100	18.0	27.00	46.000	18	<500	28	<50	1,100
MDY235	<2.0	<100	7.3	<10.00	14.000	14	<500	32	<50	710
MDY236	<2.0	<100	26.0	28.00	68.000	26	<500	37	<50	1,600
MDY237	<2.0	<100	25.0	240.00	27.000	16	<500	41	<50	1,300
MDY238	<2.0	<100	1.2	<10.00	30.000	12	<500	29	<50	510
MDY239	<2.0	<100	1.1	<10.00	12.000	11	<500	31	<50	410
MDY240	<2.0	<100	1.8	<10.00	<1.000	11	<500	29	<50	510
MDY241	<2.0	<100	22.0	13.00	89.000	22	<500	33	<50	1,300
MDY242	<2.0	<100	35.0	150.00	68.000	19	<500	55	<50	1,900
MDY243	<2.0	<100	23.0	26.00	130.000	19	<500	45	<50	1,600
MDY244	<2.0	<100	13.0	18.00	17.000	17	<500	65	<50	700
MDY245	<2.0	<100	4.4	<10.00	5.600	13	<500	25	<50	450
MDY246	2.5	<100	4.2	<10.00	3.100	<10	<500	29	<50	770
MDY247	<2.0	<100	1.3	<10.00	<1.000	10	<500	25	<50	290
MDY248	<2.0	<100	3.6	<10.00	3.000	12	<500	33	<50	610
MDY249	<2.0	<100	4.0	<10.00	4.700	11	<500	27	<50	820
MDY250	<2.0	<100	4.6	<10.00	4.500	14	<500	41	<50	860
MDY251	<2.0	<100	4.1	<10.00	3.600	12	<500	30	<50	860
MDY252	<2.0	<100	8.2	<10.00	6.200	18	<500	44	<50	800
MDY253	<2.0	<100	4.3	<10.00	4.500	12	<500	26	<50	820
MDY254	<2.0	<100	15.0	16.00	16.000	19	<500	30	<50	860
MDY255	<2.0	<100	7.7	60.00	6.900	<10	<500	76	<100	250
MDY256	<2.0	<100	5.8	13.00	7.900	17	<500	52	<50	570
MDY257	<2.0	<100	1.6	<10.00	3.400	17	<500	45	<50	200
MDY258	<2.0	<100	2.8	<10.00	3.700	13	<500	38	<50	480
MDY259	<4.0	<200	<2.0	<20.00	<2.000	<20	<1,000	42	<100	680
MDY260	<2.0	<100	<1.0	<10.00	3.300	13	<500	<20	<50	<200
MDY261	<2.0	<100	9.3	15.00	14.000	18	<500	39	<50	320
MDY262	<2.0	<100	1.8	<10.00	3.900	17	<500	55	<50	200
MDY263	<2.0	<100	<1.0	<10.00	<1.000	<10	<500	40	<50	<200
MDY264	<2.0	<100	1.2	<10.00	<1.000	11	<500	47	80	<200
MDY265	<2.0	<100	8.6	11.00	21.000	<10	<500	52	<50	1,200
MDY266	<2.0	0	13.0	15.00	4.800	<10	<500	96	0	920
MDY267	<2.0	<100	4.6	<10.00	34.000	23	<500	26	74	380
MDY268	<2.0	<100	2.6	<10.00	3.500	13	<500	39	<50	<200
MDY269	<2.0	<100	3.7	<10.00	5.400	19	<500	44	<50	460
MDY270	<2.0	<100	4.1	<10.00	4.600	19	<500	45	<50	480

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sample	Mo ppm-S	Nb ppm-S	Ni ppm-S	Pb ppm-S	Re ppm-S	Sb ppm-S	Sc ppm-S	Se ppm-S	Sn ppm-S
MDY226	<10.0	<25.0	15.0	<10	<50	<100	<10	<200	<10
MDY227	70.0	<25.0	13.0	700	<50	<100	<10	<200	<10
MDY228	<10.0	<25.0	13.0	<10	<50	<100	10	<200	<10
MDY229	<10.0	<25.0	2.7	<10	<50	<100	<10	<200	12
MDY230	<10.0	<25.0	2.9	<10	<50	<100	<10	<200	<10
MDY231	<10.0	<25.0	14.0	<10	<50	<100	26	<200	25
MDY232	<10.0	<25.0	18.0	<10	<50	<100	14	<200	13
MDY233	<10.0	<25.0	24.0	<10	<50	<100	29	<200	22
MDY234	<10.0	<25.0	19.0	<10	<50	<100	16.	<200	16
MDY235	<10.0	<25.0	6.5	<10	<50	<100	<10	<200	<10
MDY236	<10.0	<25.0	24.0	<10	<50	<100	24	<200	23
MDY237	<10.0	<25.0	58.0	<10	<50	<100	22	<200	14
MDY238	<10.0	<25.0	1.4	31	<50	<100	<10	<200	<10
MDY239	<10.0	<25.0	1.2	<10	<50	<100	<10	<200	<10
MDY240	<10.0	<25.0	2.0	11	<50	<100	<10	<200	<10
MDY241	<10.0	<25.0	13.0	<10	<50	<100	26	<200	20
MDY242	<10.0	<25.0	44.0	<10	<50	<100	51	<200	23
MDY243	<10.0	<25.0	17.0	<10	<50	<100	24	<200	17
MDY244	<10.0	<25.0	15.0	15	<50	<100	13	<200	18
MDY245	<10.0	<25.0	2.7	31	<50	<100	<10	<200	95
MDY246	<10.0	<25.0	2.9	<10	<50	<100	<10	<200	<10
MDY247	<10.0	<25.0	1.2	<10	<50	<100	<10	<200	<10
MDY248	<10.0	<25.0	2.8	<10	<50	<100	<10	<200	11
MDY249	<10.0	<25.0	2.3	15	<50	<100	<10	<200	11
MDY250	<10.0	<25.0	2.9	<10	<50	<100	<10	<200	11
MDY251	<10.0	<25.0	2.8	<10	<50	<100	<10	<200	<10
MDY252	<10.0	<25.0	5.3	<10	<50	<100	21	<200	<10
MDY253	<10.0	<25.0	2.6	<10	<50	<100	<10	<200	<10
MDY254	<10.0	<25.0	12.0	<10	<50	<100	13	<200	<10
MDY255	<10.0	<25.0	23.0	<10	<50	<100	<10	<200	<10
MDY256	<10.0	<25.0	6.9	<10	<50	<100	<10	<200	<10
MDY257	<10.0	<25.0	1.7	<10	<50	<100	<10	<200	<10
MDY258	<10.0	<25.0	2.4	<10	<50	<100	<10	<200	<10
MDY259	<20.0	<50.0	4.4	<20	<50	<200	<20	<400	<20
MDY260	<10.0	<25.0	2.2	12	<50	<100	<10	<200	<10
MDY261	<10.0	<25.0	6.7	<10	<50	<100	<10	<200	<10
MDY262	<10.0	<25.0	2.5	16	<50	<100	<10	<200	<10
MDY263	<10.0	<25.0	1.9	<10	<50	<100	<10	<200	<10
MDY264	<10.0	<25.0	2.2	<10	<50	<100	<10	<200	<10
MDY265	<10.0	<25.0	12.0	<10	<50	<100	<10	<200	<10
MDY266	.0	.0	15.0	13	<50	<100	<10	<200	<10
MDY267	<10.0	<25.0	3.7	<10	<50	<100	<10	<200	<10
MDY268	<10.0	<25.0	2.2	<10	<50	<100	<10	<200	<10
MDY269	<10.0	<25.0	4.1	<10	<50	<100	<10	<200	<10
MDY270	<10.0	<25.0	3.9	<10	<50	<100	<10	<200	<10

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sample	Sr ppm-S	Te ppm-S	Tl ppm-S	V ppm-S	W ppm-S	Y ppm-S	Zn ppm-S	Zr ppm-S
MDY226	900	<50	<10	72	<100	14	<50.000	100
MDY227	290	<50	<10	150	2,000	14	<50.000	<20
MDY228	470	<50	<10	83	<100	20	300.000	66
MDY229	1,200	<50	<10	47	<100	<10	<50.000	<20
MDY230	1,000	<50	<10	46	<100	<10	<50.000	<20
MDY231	530	<50	<10	270	<100	31	<50.000	<20
MDY232	1,100	<50	<10	160	<100	19	<50.000	<20
MDY233	800	<50	<10	310	<100	19	<50.000	<20
MDY234	600	<50	<10	160	<100	26	<50.000	83
MDY235	870	<50	<10	73	<100	13	<50.000	48
MDY236	1,500	<50	<10	260	<100	33	<50.000	33
MDY237	1,000	<50	<10	210	<100	24	<50.000	<20
MDY238	110	<50	<10	11	<100	20	<50.000	<20
MDY239	170	<50	<10	16	<100	20	<50.000	<20
MDY240	170	<50	<10	16	<100	19	<50.000	<20
MDY241	580	<50	<10	260	<100	26	<50.000	78
MDY242	1,300	<50	<10	310	<100	27	<50.000	110
MDY243	830	<50	<10	320	<100	24	<50.000	91
MDY244	120	<50	<10	130	<100	29	<50.000	110
MDY245	220	<50	<10	56	<100	19	<50.000	23
MDY246	400	<50	<10	42	<100	19	<50.000	<20
MDY247	210	<50	<10	19	<100	15	<50.000	<20
MDY248	350	<50	<10	37	<100	19	<50.000	25
MDY249	380	<50	<10	46	<100	15	<50.000	<20
MDY250	320	<50	<10	44	<100	19	<50.000	<20
MDY251	340	<50	<10	40	<100	18	<50.000	70
MDY252	570	<50	<10	66	<100	50	<50.000	220
MDY253	330	<50	<10	40	<100	15	<50.000	<20
MDY254	1,200	<50	<10	140	<100	20	<50.000	140
MDY255	3,000	<50	<10	100	<100	22	<50.000	39
MDY256	600	<50	<10	52	<100	22	<50.000	190
MDY257	230	<50	<10	26	<100	20	<50.000	<20
MDY258	370	<50	<10	36	<100	21	<50.000	73
MDY259	<100	<100	<20	<20	<200	34	<100.000	130
MDY260	53	<50	<10	<10	<100	28	<50.000	<20
MDY261	820	<50	<10	130	<100	21	<50.000	73
MDY262	220	<50	<10	28	<100	32	<50.000	93
MDY263	98	<50	<10	<10	<100	26	<50.000	21
MDY264	110	<50	<10	14	<100	19	<50.000	<20
MDY265	84	<50	<10	27	<100	13	<50.000	<20
MDY266	570	<50	<10	36	0	13	.0	43
MDY267	1,100	<50	<10	54	<100	<10	<50.000	<20
MDY268	420	<50	<10	45	<100	19	<50.000	34
MDY269	530	<50	<10	54	<100	26	<50.000	180
MDY270	610	<50	<10	56	<100	26	<50.000	150

WALKER LAKE

sample	LATITUDE	LONGITUD	U ppm	Th ppm	Al%-S	Ca%-S	Fe%-S	K%-S	Mg%-S	Na%-S
MDY271	38 48 37	118 39 20	2.74	8.39	9.90	3.40	3.00	2.00	.58	4.70
MDY272	38 50 29	118 30 57	4.78	15.30	8.50	.42	1.30	4.30	.26	3.10
MDY273	38 50 11	118 31 21	3.26	13.50	7.60	1.30	1.10	4.10	.17	3.00
MDY274	38 50 31	118 32 13	4.79	14.00	9.10	1.40	1.80	3.60	.33	3.90
MDY275	38 47 37	118 36 27	6.83	24.20	7.40	.48	.44	4.80	.13	3.00
MDY276	38 47 54	118 36 40	5.35	14.40	7.10	.85	.69	3.00	.20	1.90
MDY277	38 47 21	118 37 25	3.13	7.12	10.00	2.40	4.70	2.10	1.70	4.80
MDY278	38 47 39	118 38 30	8.72	12.40	7.60	.27	1.80	3.60	.67	4.30
MDY279	38 46 14	118 32 36	1.02	<1.60	<.25	>20.00	<.05	.10	14.00	<.15
MDY280	38 46 15	118 38 51	4.61	13.20	8.40	1.50	1.90	3.60	.33	3.60
MDY281	38 44 43	118 38 10	5.59	13.50	5.40	.29	.36	4.10	.11	2.00
MDY282	38 44 20	118 38 10	3.63	10.10	8.30	.82	2.40	2.60	.72	3.60
MDY283	38 42 47	118 38 2	6.34	14.60	7.20	.78	1.40	2.90	.40	4.60
MDY284	38 43 16	118 37 20	3.20	8.61	10.00	2.10	5.50	2.50	2.50	4.60
MDY285	38 42 6	118 38 10	4.19	12.60	8.60	.93	2.10	3.30	.57	5.90
MDY286	38 41 13	118 37 21	3.73	11.40	7.90	.68	1.80	2.90	.52	4.50
MDY287	38 40 5	118 37 13	5.40	10.90	9.60	1.90	3.50	3.30	1.20	3.00
MDY288	38 39 46	118 36 29	2.63	7.77	9.90	3.60	4.30	1.40	1.30	2.70
MDY289	38 38 22	118 35 47	4.25	5.50	10.00	5.00	4.90	2.10	1.10	3.20
MDY290	38 38 22	118 35 47	4.10	8.26	11.00	5.20	5.00	2.40	1.20	3.80
MDY291	38 38 36	118 33 57	3.64	19.90	9.50	2.90	5.40	3.00	1.80	3.90
MDY292	38 38 25	118 31 52	6.00	25.80	9.00	1.80	4.30	3.90	1.10	3.30
MDY293	38 37 38	118 31 52	4.06	12.50	9.80	2.20	4.20	2.90	1.20	3.40
MDY294	38 44 29	118 30 52	1.16	2.40	12.00	8.50	7.70	1.70	3.60	3.90
MDY295	38 43 46	118 32 11	1.89	<2.30	1.20	>20.00	<.05	.36	1.80	<.15
MDY296	38 43 16	118 34 4	3.22	6.75	9.80	3.40	4.00	2.90	1.50	2.60
MDY297	38 44 20	118 35 35	5.09	13.20	11.00	.14	3.20	4.20	.77	.71
MDY298	38 58 24	118 28 37	3.66	7.23	9.00	2.10	2.30	2.20	.85	3.50
MDY299	38 53 42	118 27 33	5.67	12.80	6.90	.96	1.20	2.50	.25	2.10
MDY300	0 0 0B	0 0 0B	5.12	9.61	8.00	.64	3.70	2.40	.77	1.50
MDY301	38 31 48	118 31 23	1.36	4.57	11.00	2.20	8.80	2.90	1.80	4.60
MDY302	38 30 24	118 31 3	1.70	5.09	10.00	8.30	8.90	1.90	4.10	3.00
MDY303	38 59 4	118 24 57	3.43	9.29	8.60	2.30	2.70	2.30	.80	2.60
MDY304	38 57 46	118 23 57	2.64	6.37	11.00	6.30	5.00	1.70	1.80	3.30
MDY305	38 56 38	118 24 21	2.95	10.20	8.50	2.80	2.30	2.30	.63	2.80
MDY306	38 58 32	118 21 8	2.92	6.02	9.80	4.10	4.40	1.90	1.30	2.80
MDY307	38 59 18	118 16 43	3.65	16.90	6.90	2.40	1.00	1.80	.75	.45
MDY308	38 59 20	118 15 53	2.69	9.37	10.00	6.50	6.00	1.70	2.30	1.10
MDY309	38 59 13	118 14 26	.78	3.91	11.00	7.40	7.30	1.50	2.80	2.80
MDY310	38 59 13	118 14 26	.80	3.89	11.00	8.00	7.90	1.50	2.90	3.40
MDY311	38 59 18	118 9 1	3.69	8.28	11.00	4.90	4.50	3.00	2.10	3.70
MDY312	38 56 23	118 9 46	5.16	9.93	9.90	4.10	3.80	3.60	2.00	3.60
MDY313	38 58 42	118 6 15	6.07	21.00	7.30	.58	.97	4.60	.16	2.90
MDY314	38 51 52	118 6 17	2.52	4.40	5.00	7.50	1.10	1.70	.36	1.50
MDY315	38 47 58	118 1 29	2.94	8.11	10.00	4.60	3.90	1.90	1.20	3.80

WALKER LAKE

sample	P%-S	Si%-S	Ti%-S	Ag ppm-S	As ppm-S	Au ppm-S	B ppm-S	Ba ppm-S	Be ppm-S	Bi ppm-S
MDY271	.06	28	.560	<1.0	<200	<10	<10	940	2.1	<10
MDY272	.05	36	.210	<1.0	<200	<10	<10	910	3.1	<10
MDY273	.04	35	.160	<1.0	<200	<10	<10	850	2.6	<10
MDY274	.05	36	.260	<1.0	<200	<10	<10	1,000	3.3	<10
MDY275	.04	>40	.090	<1.0	<200	<10	13	200	4.3	<10
MDY276	.04	38	.080	<1.0	<200	<10	<10	1,200	2.0	<10
MDY277	.09	33	.340	<1.0	<200	<10	<10	800	2.4	<10
MDY278	.05	36	.280	<1.0	<200	<10	<10	1,400	1.7	<10
MDY279	<.02	<10	<.030	<1.0	<200	<10	<10	21	<1.0	<10
MDY280	.06	34	.210	<1.0	<200	<10	<10	1,200	2.7	<10
MDY281	.03	>40	.040	<1.0	<200	<10	<10	1,100	1.5	<10
MDY282	.06	34	.210	<1.0	<200	<10	<10	1,600	2.3	<10
MDY283	.04	38	.110	<1.0	<200	<10	<10	1,200	1.8	<10
MDY284	.09	29	.490	<1.0	<200	<10	<10	1,200	2.2	<10
MDY285	.07	36	.200	<1.0	<200	<10	<10	1,200	2.2	<10
MDY286	.06	31	.160	<1.0	<200	<10	<10	1,300	1.6	<10
MDY287	.07	32	.340	<1.0	<200	<10	<10	1,300	2.8	<10
MDY288	.09	31	.500	<1.0	<200	<10	27	1,000	2.2	<10
MDY289	.09	28	.610	<1.0	<200	<10	22	1,100	2.4	<10
MDY290	.10	29	.630	<1.0	<200	<10	23	1,100	2.4	<10
MDY291	.10	30	.610	<1.0	<200	<10	14	1,400	3.0	<10
MDY292	.09	32	.400	<1.0	<200	<10	<10	1,600	2.7	<10
MDY293	.08	30	.420	<1.0	<200	<10	<10	1,500	2.6	<10
MDY294	.10	28	.680	<1.0	<200	<10	11	650	1.8	<10
MDY295	<.02	<10	.040	<1.0	<200	<10	<10	200	<1.0	<10
MDY296	.07	31	.430	<1.0	<200	<10	<10	800	1.8	<10
MDY297	.06	34	.280	<1.0	<200	<10	34	1,000	3.0	<10
MDY298	.06	32	.260	<1.0	<200	<10	<10	1,000	2.2	<10
MDY299	.04	33	.150	<1.0	<200	<10	26	1,000	2.3	<10
MDY300	.06	38	.390	<1.0	<200	<10	33	590	2.3	<10
MDY301	.09	28	.480	<1.0	<200	<10	<10	460	1.7	<10
MDY302	.38	25	.810	<1.0	<200	<10	<10	1,300	2.4	<10
MDY303	.10	33	.240	<1.0	<200	<10	<10	1,300	2.0	<10
MDY304	.17	30	.650	<1.0	<200	<10	<10	1,500	1.7	<10
MDY305	.09	34	.240	<1.0	<200	<10	<10	1,200	1.7	<10
MDY306	.14	30	.420	<1.0	<200	<10	<10	1,100	1.9	<10
MDY307	.05	39	.070	<1.0	<200	<10	17	2,000	2.1	<10
MDY308	.17	30	.450	<1.0	<200	<10	<10	800	1.7	<10
MDY309	.10	29	.470	<1.0	<200	<10	<10	660	1.5	<10
MDY310	.11	29	.450	<1.0	<200	<10	<10	680	1.5	<10
MDY311	.12	34	3.600	<1.0	<200	<10	<10	1,900	2.1	<10
MDY312	.11	34	.380	<1.0	<200	<10	12	1,200	2.8	<10
MDY313	.05	40	.120	<1.0	<200	<10	<10	1,000	3.0	<10
MDY314	.05	35	.130	<1.0	<200	<10	20	700	1.1	<10
MDY315	.08	31	.420	<1.0	<200	<10	<10	920	2.1	<10

WALKER LAKE

sample	Cd ppm-S	Ce ppm-S	Co ppm-S	Cr ppm-S	Cu ppm-S	Ga ppm-S	Hg ppm-S	La ppm-S	Li ppm-S	Mn ppm-S
MDY271	<2.0	<100	14.0	74.00	18.000	20	<500	42	<50	950
MDY272	<2.0	<100	4.1	<10.00	<1.000	13	<500	44	<50	<200
MDY273	<2.0	<100	1.8	<10.00	<1.000	15	<500	44	76	<200
MDY274	<2.0	<100	4.8	<10.00	4.600	13	<500	47	60	260
MDY275	<2.0	<100	1.2	<10.00	<1.000	11	<500	44	110	<200
MDY276	<2.0	<100	<1.0	<10.00	4.200	<10	<500	24	<50	280
MDY277	<2.0	<100	11.0	14.00	230.000	18	<500	27	<50	1,600
MDY278	<2.0	<100	1.3	<10.00	7.100	15	<500	<20	<50	260
MDY279	<2.0	<100	7.5	12.00	2.000	<10	<500	47	<50	850
MDY280	<2.0	<100	3.5	<10.00	4.400	15	<500	38	<50	260
MDY281	<2.0	<100	1.2	<10.00	13.000	<10	<500	25	<50	230
MDY282	<2.0	<100	4.1	<10.00	6.500	14	<500	32	<50	660
MDY283	<2.0	<100	2.4	<10.00	36.000	13	<500	35	<50	560
MDY284	<2.0	<100	16.0	14.00	36.000	23	<500	29	<50	1,400
MDY285	<2.0	<100	4.5	<10.00	12.000	16	<500	28	<50	820
MDY286	<2.0	<100	2.9	<10.00	3.500	16	<500	28	<50	410
MDY287	<2.0	<100	10.0	10.00	5.900	20	<500	37	<50	1,200
MDY288	<2.0	<100	14.0	33.00	20.000	23	<500	40	<50	600
MDY289	<2.0	<100	15.0	<10.00	14.000	24	<500	49	<50	750
MDY290	<2.0	<100	17.0	<10.00	15.000	26	<500	51	<50	790
MDY291	<2.0	<100	19.0	16.00	140.000	20	<500	48	<50	1,700
MDY292	<2.0	<100	13.0	<10.00	80.000	16	<500	52	<50	1,200
MDY293	<2.0	<100	12.0	12.00	21.000	17	<500	28	<50	1,000
MDY294	<2.0	<100	33.0	49.00	58.000	29	<500	40	180	1,800
MDY295	<2.0	0	8.3	32.00	7.600	<10	<500	83	100	320
MDY296	<2.0	<100	14.0	<10.00	35.000	17	<500	27	<50	960
MDY297	<2.0	<100	4.8	<10.00	4.800	18	<500	24	<50	300
MDY298	<2.0	<100	5.8	<10.00	7.500	14	<500	31	<50	640
MDY299	<2.0	<100	2.3	14.00	6.400	13	<500	26	<50	340
MDY300	<2.0	<100	13.0	150.00	7.200	18	<500	47	100	420
MDY301	<2.0	<100	18.0	<10.00	4.000	23	<500	26	<50	1,600
MDY302	<2.0	<100	34.0	220.00	40.000	26	<500	62	<50	1,300
MDY303	<2.0	<100	5.2	<10.00	9.400	16	<500	28	<50	540
MDY304	<2.0	<100	16.0	50.00	25.000	23	<500	35	<50	800
MDY305	<2.0	<100	4.3	<10.00	5.100	14	<500	27	<50	350
MDY306	<2.0	<100	12.0	46.00	18.000	19	<500	33	<50	640
MDY307	<2.0	<100	<1.0	<10.00	3.400	10	<500	32	<50	300
MDY308	<2.0	<100	24.0	25.00	60.000	21	<500	39	<50	1,000
MDY309	<2.0	<100	26.0	25.00	35.000	25	<500	30	<50	1,200
MDY310	<2.0	<100	25.0	24.00	32.000	25	<500	28	<50	1,200
MDY311	<2.0	<100	18.0	47.00	58.000	21	<500	35	<50	860
MDY312	<2.0	<100	15.0	91.00	13.000	19	<500	41	<50	680
MDY313	<2.0	<100	<1.0	<10.00	5.200	18	<500	50	67	200
MDY314	<2.0	<100	5.8	17.00	10.000	<10	<500	26	63	1,100
MDY315	<2.0	<100	13.0	<10.00	21.000	20	<500	48	<50	560

WALKER LAKE

sample	Mo ppm-S	Nb ppm-S	Ni ppm-S	Pb ppm-S	Re ppm-S	Sb ppm-S	Sc ppm-S	Se ppm-S	Sn ppm-S
MDY271	<10.0	<25.0	36.0	<10	<50	<100	13	<200	13
MDY272	<10.0	<25.0	2.9	<10	<50	<100	<10	<200	12
MDY273	<10.0	<25.0	2.4	<10	<50	<100	<10	<200	<10
MDY274	<10.0	<25.0	3.8	<10	<50	<100	<10	<200	14
MDY275	<10.0	<25.0	2.0	<10	<50	<100	<10	<200	15
MDY276	<10.0	<25.0	<1.0	<10	<50	<100	<10	<200	<10
MDY277	<10.0	<25.0	9.8	29	<50	<100	16	<200	<10
MDY278	<10.0	<25.0	3.0	<10	<50	<100	<10	<200	<10
MDY279	<10.0	<25.0	11.0	18	<50	<100	<10	<200	76
MDY280	<10.0	<25.0	2.7	15	<50	<100	<10	<200	<10
MDY281	<10.0	<25.0	1.6	<10	<50	<100	<10	<200	<10
MDY282	<10.0	<25.0	3.9	<10	<50	<100	<10	<200	<10
MDY283	<10.0	<25.0	4.3	<10	<50	<100	<10	<200	<10
MDY284	<10.0	<25.0	13.0	<10	<50	<100	23	<200	13
MDY285	<10.0	<25.0	3.5	20	<50	<100	<10	<200	<10
MDY286	<10.0	<25.0	2.8	<10	<50	<100	<10	<200	<10
MDY287	<10.0	<25.0	6.8	<10	<50	<100	14	<200	<10
MDY288	<10.0	<25.0	17.0	<10	<50	<100	15	<200	<10
MDY289	<10.0	<25.0	12.0	<10	<50	<100	13	<200	<10
MDY290	<10.0	<25.0	13.0	<10	<50	<100	13	<200	<10
MDY291	<10.0	<25.0	12.0	25	<50	<100	27	<200	<10
MDY292	<10.0	<25.0	7.6	<10	<50	<100	17	<200	<10
MDY293	<10.0	<25.0	8.7	<10	<50	<100	18	<200	<10
MDY294	<10.0	<25.0	47.0	<10	<50	<100	27	<200	15
MDY295	<10.0	<25.0	25.0	23	<50	<100	<10	<200	<10
MDY296	<10.0	<25.0	8.3	<10	<50	<100	18	<200	<10
MDY297	<10.0	<25.0	5.5	<10	<50	<100	10	<200	<10
MDY298	<10.0	<25.0	6.2	<10	<50	<100	<10	<200	<10
MDY299	<10.0	<25.0	4.5	<10	<50	<100	<10	<200	<10
MDY300	<10.0	<25.0	42.0	<10	<50	<100	13	<200	<10
MDY301	<10.0	<25.0	9.8	<10	<50	<100	23	<200	<10
MDY302	<10.0	<25.0	110.0	<10	<50	<100	30	<200	<10
MDY303	<10.0	<25.0	5.2	<10	<50	<100	<10	<200	<10
MDY304	<10.0	<25.0	27.0	<10	<50	<100	18	<200	<10
MDY305	<10.0	<25.0	5.6	<10	<50	<100	<10	<200	<10
MDY306	<10.0	<25.0	20.0	<10	<50	<100	13	<200	<10
MDY307	<10.0	<25.0	2.6	<10	<50	<100	<10	<200	<10
MDY308	<10.0	<25.0	16.0	<10	<50	<100	27	<200	<10
MDY309	<10.0	<25.0	17.0	<10	<50	<100	23	<200	<10
MDY310	<10.0	<25.0	16.0	<10	<50	<100	22	<200	<10
MDY311	<10.0	<25.0	30.0	<10	<50	<100	15	<200	<10
MDY312	<10.0	<25.0	33.0	<10	<50	<100	16	<200	<10
MDY313	<10.0	<25.0	2.4	<10	<50	<100	<10	<200	<10
MDY314	<10.0	<25.0	8.5	<10	<50	<100	<10	<200	<10
MDY315	<10.0	<25.0	11.0	<10	<50	<100	10	<200	<10

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sample	Sr ppm-S	Te ppm-S	Tl ppm-S	V ppm-S	W ppm-S	Y ppm-S	Zn ppm-S	Zr ppm-S
MDY271	1,800	<50	<10	95	<100	23	<50.000	90
MDY272	330	<50	<10	42	<100	23	<50.000	28
MDY273	220	<50	<10	22	<100	26	<50.000	49
MDY274	420	<50	<10	53	<100	22	<50.000	73
MDY275	93	<50	<10	<10	<100	24	<50.000	20
MDY276	140	<50	<10	<10	<100	15	<50.000	71
MDY277	320	<50	<10	110	<100	24	99.000	91
MDY278	180	<50	<10	59	<100	22	<50.000	150
MDY279	81	<50	<10	15	<100	10	<50.000	<20
MDY280	400	<50	<10	38	<100	22	<50.000	78
MDY281	53	<50	<10	17	<100	14	<50.000	45
MDY282	230	<50	<10	47	<100	24	<50.000	100
MDY283	130	<50	<10	33	<100	20	<50.000	91
MDY284	230	<50	<10	200	<100	29	97.000	150
MDY285	210	<50	<10	48	<100	23	<50.000	57
MDY286	220	<50	<10	34	<100	20	<50.000	86
MDY287	290	<50	<10	95	<100	30	56.000	140
MDY288	850	<50	<10	150	<100	26	<50.000	180
MDY289	890	<50	<10	210	<100	27	<50.000	250
MDY290	890	<50	<10	220	<100	27	55.000	240
MDY291	410	<50	<10	190	<100	40	100.000	100
MDY292	310	<50	<10	100	<100	36	<50.000	140
MDY293	290	<50	<10	130	<100	30	<50.000	160
MDY294	1,200	<50	<10	320	<100	24	<50.000	120
MDY295	3,400	<50	<10	66	<100	23	.0	50
MDY296	270	<50	<10	160	<100	26	<50.000	120
MDY297	73	<50	<10	67	<100	24	<50.000	170
MDY298	520	<50	<10	53	<100	18	<50.000	84
MDY299	260	<50	<10	26	<100	28	<50.000	71
MDY300	140	<50	<10	87	<100	37	<50.000	200
MDY301	320	<50	<10	180	<100	20	<50.000	65
MDY302	1,300	<50	<10	230	<100	30	71.000	330
MDY303	520	<50	<10	46	<100	16	<50.000	93
MDY304	970	<50	<10	160	<100	20	<50.000	250
MDY305	580	<50	<10	52	<100	15	<50.000	160
MDY306	810	<50	<10	100	<100	19	<50.000	130
MDY307	360	<50	<10	<10	<100	20	<50.000	100
MDY308	570	<50	<10	240	<100	25	<50.000	110
MDY309	790	<50	<10	250	<100	17	<50.000	<20
MDY310	870	<50	<10	240	<100	17	<50.000	51
MDY311	1,000	<50	<10	140	<100	17	<50.000	<20
MDY312	870	<50	<10	130	<100	21	<50.000	75
MDY313	160	<50	<10	<10	<100	21	<50.000	65
MDY314	560	<50	<10	49	<100	14	<50.000	46
MDY315	1,600	<50	<10	140	<100	18	<50.000	67