

864

LAB AMAX - DENVER

ANALYTICAL REPORT

DATE 4/28/81

REQ. NO. 8235 JOB NO.

ANALYST S. Hoatson

PROJECT 864

TYPE SAMPLES GEOTHERMAL WATER

REQUESTED BY John E. Deymonaz

SAMPLE	Na	K	Ca	Mg	SiO ₂	SAMPLE	Li	B	SO ₄	Cl	F	
	PPM	PPM	PPM	PPM	PPM		PPM	PPM	PPM	PPM	PPM	
01 W-14991	78.	7.7	50.	7.8	48.	31 W-14991	2.1	0.4	87.	78.	0.5	
02	92	230.	15.	43.	8.7	40	92	0.3	1.3	47.	24.	4.2
03	93	110.	9.4	23.	2.1	41	93	0.1	0.6	80.	39.	1.3
04	94	71.	4.8	14.	2.7	42	94	2.1	0.3	42.	26.	0.8
05						43						
06						44						
07						45						
08						46						
09						47						
10 W-						48						
11						49						
12						50 W-						
13						51						
14						52						
15						53						
16						54						
17						55						
18						56						
19						57						
20 W-						58						
21						59						
22						60						
23												
24												
25												
26												
27												
28												
29												
30												

METHODS: Digestion-

Sample Weight-

Na, K, Ca, Mg, SiO₂, Li: AA
 Determination- B: CARMINIC ACID COLORIMETRIC
 F: SPECIFIC ION ELECTRODE
 Cl: MERCURIMETRIC TITRATION
 SO₄: TURBIDIMETRIC

REMARKS:

- 91 - Hole-in-the-Wall well
- 92 - McCoy Mine well
- 93 - Edwards Ck. w. m.
- 94 - Unnamed well in Antelope Uly

NOTE: Mail Original to
 AMAX Exploration, Inc.,
 P. O. Box C
 Denver, Colorado 80226

- Copies to:
1. John E. Deymonaz At Geothermal
 2. Geothermal Office At
 3. E. J. Rowe At Denver Lab
 4. S. C. Hoatson Denver Lab

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REQ. NO. 8235 JOB NO. _____

ANALYST S. Hoatson

PROJECT 864

TYPE SAMPLES GEOTHERMAL WATER

REQUESTED BY John E. Deymonaz

SAMPLE	Cu	Mo	SAMPLE	pH	CO ₃ [*]	HCO ₃ [*]	
	PPB	PPB			PPM	PPM	
01			31	W14991	7.5	0	120.
02			32	92	7.2	0	580.
03			33	93	8.0	0	178.
04			34	94	7.6	0	130
05			35				
06			36				
07			37				
08			38				
09			39				
10			40				
11			41				
12			42				
13			43				
14			44				
15			45				
16			46				
17			47				
18			48				
19			49				
20			50				
21			51				
22			52				
23			53				
24			54				
25			55				
26			56				
27			57				
28			58				
29			59				
30			60				

METHODS: Digestion-

Sample Weight-

Determination- Cu, Mo - Colorimetric
pH - Electrometric
CO₃, HCO₃ - Electrometric Titration

REMARKS:

Mo, Cu To be reported at a later date

**- expressed as ppm CaCO₃*

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LAB Amax-Denver

ANALYTICAL REPORT

DATE 4/29/81

REQ. NO. 8235 JOB NO. _____

ANALYST S. Hoatson

PROJECT 867

TYPE SAMPLES Geothermal Water

REQUESTED BY J. E. Deymonaz

	SAMPLE	pH		Mo ppb	Cu ppb		SAMPLE	pH		Mo ppb	Cu ppb
01	<u>W/4991</u>	<u>7.5</u>		<u>6</u>	<u>4</u>	<u>31</u>					
02	<u>92</u>	<u>7.2</u>		<u>2</u>	<u><2</u>	<u>32</u>					
03	<u>93</u>	<u>8.0</u>		<u>15</u>	<u>50</u>	<u>33</u>					
04	<u>94</u>	<u>7.6</u>		<u>10</u>	<u><2</u>	<u>34</u>					
05						<u>35</u>					
06						<u>36</u>					
07						<u>37</u>					
08						<u>38</u>					
09						<u>39</u>					
10						<u>40</u>					
11						<u>41</u>					
12						<u>42</u>					
13						<u>43</u>					
14						<u>44</u>					
15						<u>45</u>					
16						<u>46</u>					
17						<u>47</u>					
18						<u>48</u>					
19						<u>49</u>					
20						<u>50</u>					
21						<u>51</u>					
22						<u>52</u>					
23						<u>53</u>					
24						<u>54</u>					
25						<u>55</u>					
26						<u>56</u>					
27						<u>57</u>					
28						<u>58</u>					
29						<u>59</u>					
30						<u>60</u>					

METHODS: Digestion- Sample Weight-
Determination- Mo, Cu - colorimetric
pH - electrometric

REMARKS:

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