

ANALYTICAL REPORT

DATE 7 / 26 / 82
 ANALYST T.C.
 TYPE SAMPLES GEOTHERMAL WATER

REQ. NO. 9172 JOB NO. _____
 PROJECT 1186 (24-33)
 REQUESTED BY H.D. PILKINGTON

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-14280	2500	290	150	45	150	31 W-	9.5	40	160	3600	48
02 14282	2400	280	160	46	140	32	9.3	36	170	3600	48
03						33					
04						34					
05						35					
06						36					
07						37					
08						38					
09						39					
10 W-						40 W-					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20 W-						50 W-					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					
30						60					

METHODS:

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

REMARKS:

W14280 collected from flow line at 1226' depth - well flowing at
 W14282 about 100 gpm (well 24-33) Sample taken 15' apart after
 blowing well until clear water was obtained

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

- Copies to: DENVER-LAB
- J.E. DEMONAZ At GEOTHERMAL
 - H.D. OLSON At "
 - H.D. PILKINGTON At "
 - GEOTHERMAL OFFICE At "
 - E. J. RAUE At W. CEDAR
- DEN 121974

LAB AMAX - DENVER

ANALYTICAL REPORT

DATE 7/26/82

REQ. NO. 9172 JOB NO. _____

ANALYST TC & J.W.

PROJECT 1186

TYPE SAMPLES GEOHERMAL WATER

REQUESTED BY H.D. PILKINGTON

	SAMPLE	Cu	Mo	Cond.	SAMPLE	pH	CO ₃	HCO ₃		
		PPB	PPB				PPM	PPM		
01	<u>WV4280</u>	<u>22</u>	<u>50</u>	<u>11,000</u>	<u>31</u>	<u>7.6</u>	<u>0</u>	<u>242</u>		
02	<u>282</u>	<u>22</u>	<u>125</u>	<u>12,000</u>	<u>32</u>	<u>7.6</u>	<u>0</u>	<u>240</u>		
03					<u>33</u>					
04					<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>					
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27					<u>57</u>					
28					<u>58</u>					
29					<u>59</u>					
30					<u>60</u>					

METHODS: Digestion-

Sample Weight-

Determination- Cu, Mo - Colorimetric

pH - Electrometric

REMARKS:

CO₃, HCO₃ - Electrometric Titration

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Copies to:

1. J.E. DEYMONAZ At Geothermal
2. H.J. OLSON At "
3. H.D. PILKINGTON At "
4. GEOHERMAL OFFICE "
5. ELSIE ROWE W. CEDAR