

GEOTHERMAL BRANCH

INTER-OFFICE MEMORANDUM

SUBJECT: Geochemistry of Drill Cuttings

June 9, 1982


TO: J. E. Deymonaz

cc: Stan Hamilton
 Charlie Miller

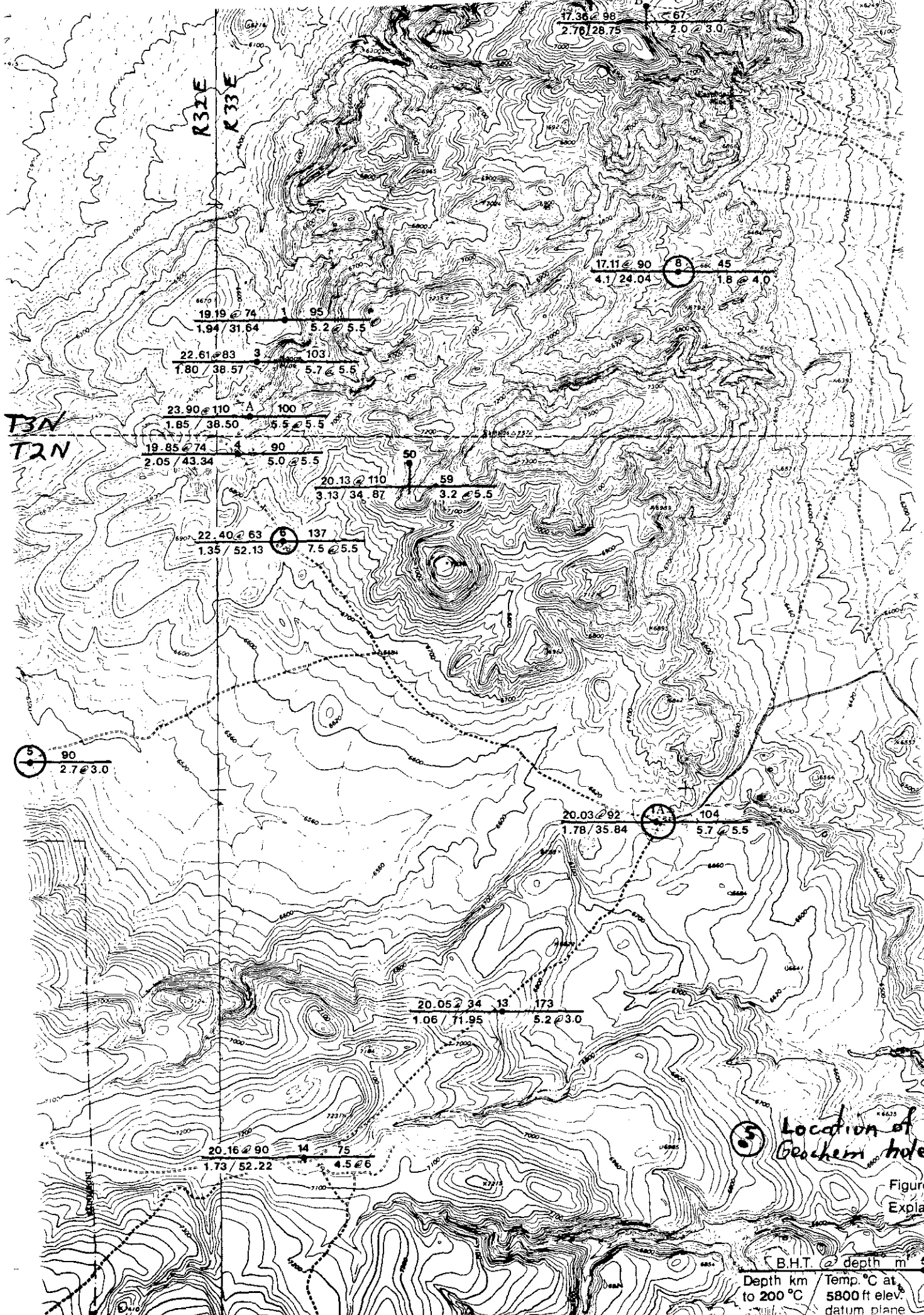
FROM: H. D. Pilkington

Composite samples were prepared for four (4) of the shallow thermal gradient holes drilled at the Noguez Prospect as shown on the attached map. The results of the geochemical analyses are shown below:

Hole#	Sample #	Depth	Au ppm	Ag ppm	Hg ppm	Sb ppm	As ppm	Mo ppm	Cu ppm
NZ-6	G11152	0-30'	<0.02	0.7	0.04	<1.0	10	<1	7
	53	30-60'	<0.02	0.3	0.03	1.0	20	<1	4
	54	60-90'	<0.02	0.4	0.03	2.0	10	1	3
	55	90-120'	<0.02	0.3	0.03	<1.0	10	<1	2
NZ-1A	G11156	0-30'	<0.02	0.6	0.04	<1.0	<10	1	23
	57	30-60'	<0.02	0.5	0.04	2.0	<10	<1	18
	58	60-90'	<0.02	0.5	0.03	1.0	<10	<1	10
	59	90-120'	<0.02	0.5	0.03	1.0	10	<1	5
NZ-8	G11160	0-30'	<0.02	0.8	0.05	2.0	<10	1	58
	61	30-60'	0.03	1.0	0.30	3.0	10	2	93
	62	60-90'	<0.02	0.9	0.26	2.0	20	1	92
	63	90-120'	<0.02	0.8	0.20	2.0	20	2	79
NZ-5	G11164	0-30'	<0.02	0.4	0.02	<1.0	<10	1	4
	65	30-60'	<0.02	0.3	0.01	<1.0	10	1	2
	66	60-90'	<0.02	0.4	0.02	<1.0	10	<1	2
	67	90-120'	<0.02	0.3	0.03	<1.0	10	1	2


 H. D. Pilkington

dm



Location of
Geotherm holes

Figure
Explan

B.H.T. @ depth m
 Depth km Temp. °C at
 to 200 °C 5800 ft elev.
 datum plane