

Project	t: McCoy		
امام	25 0	·.	

	ー 义 Hole: <u>25-9</u>
Elevation:	5776 Date Drilled 26/3/81 thru 3/5/81
Location:	NWSW Sec 9 T22N R40E Method: rotary/air/ and/or mud
Geologist:	: Avery Gamma:
Depth ( )	Description
0- 15	Overburden: Edwards Creek tuff float, and Triassic basal conglomerate float in mud-silt-sand.
15- 65'	Triassic basal conglomerate $(T_{rc})$ : Strongly cemented sub-rounded to subangular gravel and pebble size clasts of brown, reddish brown, red, gray and green chert; white gray and brown quartzite. Cement is SiO <sub>2</sub> , with much iron staining along clast edges, in fractures, and in cement itself. Few boulder-size clasts of chert/quartzite.
65- 75'	Same as above, with addition of rounded reddish-purple f.c. quartzite, and yellow-brown chert fragments.
75- 85'	Same as above, with appearance of reddish brown, finely crushed siltstone making up approximately 20-30 % of total sample.
85- 95'	Same as 15'-65', with quartzite clasts ≈80% of total. rounded chert pebbles ≈10% of total. reddish-brown siltstone ≈10% of total.
95-125'	Same as above, but siltstone now ≈30-40% of total.
125-155'	Same T <sub>rc</sub> , with appearance of buff (orange-gray) ss pebbles, and reddish-buff silt-st. pebbles (both well-rounded/rounded) - new material ~25-35% of total.
155-215'	T <sub>rc</sub> with finely crushed, orange-gray silty sand-st. making up between 20% and 55% of total sample in this interval. Rounded-subrounded pebbles (chert/quartzite) still constitute up to 80% of total.
215-225'	Same as above. Silty ss <20% of total now.
225-245'	Trc with 80% white qtzite/qtzite conglomerate that is densely cemented, l.g. qtzite with gravel-size, subangular clasts. Iron staining on fracture faces, and some hydrous copper oxide coatings on some fragments (qtzite retains sedimentary features as opposed to older quartzites such as Valmy, etc.).

#### DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency Thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

## **DISCLAIMER**

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

Project: McCoy
Hole: 25-9

Elevation:  Location:		Date Drilled:	
Depth (♣)	Desc	ription	
245-260'	Gray-orange sand-st. to 155-215' interval	/silty sand-st. conglomerate similar	
260-300	conglomerate. Addit fragments (angular).	iron stained gravel-pebble ion of a few limestone pebble-size Some larger fragments of quartzite) in last 20'.	
300-320'	Chert T <sub>rc</sub> conglomera (as in 245-260') (40	te (60-40%), orange gray silty ss -60%).	
320-330	FeS <sub>2</sub> , CuFeS <sub>2</sub> mineral	glomerate (T <sub>rc</sub> ). One clast shows ization (as granular coating on er vein through pebble).	
330-350'	T <sub>rc</sub> with orange-gray of silty ss drops fr	silty ss as in 300-320'. Percent om 50% to 20% over this interval.	
350-360	80% qtzite chert/qtz	ite pebble conglomerate: (Trc).	
360-390	Same as 330-350'		
390-410	90% gravel-pebble-bo (T <sub>rc</sub> ), 10% silty ss.	ulder chert/qtzite conglomerate:	
410-420	Gravel size chert/qt: (T <sub>rc</sub> ).	zite conglomerate with qtzite (35%):	
420-440	Gray-orange silty ss (65%): (T <sub>rc</sub> ).	(35%), chert/qtzite conglomerate	
440-450	mineralization as gra	e with CuFeS2, bornite, pyrite anular fracture fillings, coatings, of qtzite. Few green/red banded	
450-500'	(m.g., subrounded gra	up to 50% orange-gray ss sand. ains). Purple color to some ts. Color of ss becomes darker	

Project: McCoy
Hole: 25-9

Elevation:	Date Drilled:
Location:	Method:
Geologist:	Gamma:
Depth ( )	Description
500-560'	$T_{\text{rc}}$ (as before but now all gravel size subrounded to subangular clasts of chert and quartzite with 20-60% orange-gray silty sandstone).
560-580'	$T_{\text{rc}}$ as before but now 70% quartzite; 20% silty-ss; 10% chert gravels and pebbles.
580-6201	Trc as before but no orange-gray silty ss.
620-6401	Trc as before with 5-30% silty ss.
640-650'	$T_{\text{rc}}$ pebble conglomerate (chert & quartzite about 30-50%).
650-720'	T <sub>rc</sub> chert, quartzite, and dark brown to reddish brown silicified siltstone gravels and pebbles, rounded to angular, with varying ratios of up to 40% siltstone, 60% quartzite.
720-730'	90% reddish dk. brown silicified siltstone. 10% gravels $\{T_{rc}\}$ .
730-760'	$T_{\text{rc}}$ silicified siltstone as above with a siltstone/chert gravel conglomerate in a siltstone matrix (up to 70% matrix).
760-780'	$T_{\text{rc}}$ chert/qtzite pebble-gravel conglomerate with siltstone.
780-790'	T <sub>rc</sub> as above w/20% silt-st. pebbles. Pyrite and chalcopyrite? As granular fracture fillings, coatings.
790-800'	Quartzite: v.f.g. w/distinct black grains in otherwise white quartzite w/blebs or nodules of black, sulfide-rich silicified siltstone.
800-820'	Trc chert/qtzite pebble-gravel conglomerate w/minor pyrite (granular).
820-8401	Trc as before but no mineralization.

Project: McCoy
Hole: 25-9

Elevation:		Date Drilled:
Location:		Method:
Geologist: A	very	Gamma:
Depth (🕏	Desc	ription
840-8501	T <sub>rc</sub> as before with 20%	6 brown silicified silt-st.
850-880'	Quartzite: f.c. to 1. Very minor sulfide min Trc	.g., dense, well-cemented (gray). neralization (pyrite) as before.
880-900'	silt-st. Slight effer sulfide mineralization stringers. Very few of	e, 60% dk. gray, dense, silicifed rvescence in dilute HCI, with minor as granular coatings and in chips of gray ls with dk. gray silt-st. slightly calcareous).
900-920'	calcareous silt-st.,	s = 2 1/2); 30% gray-dk. gray (hardness = 2 1/2-3); gray-lt. gray ss = 4 1/2) and a f.c. silty ss make
920-940'		total sample comprised of dense, quartzite (hardness = 6-7). Trc
940-960'	Quartzite, as above wi	ith 50% qtzite/chert gravel
960-970'	calcite stringer veing quartzite (some browni	silicified silt-st., some with gs (H =4), 50-60% gray, dense, f.c. ish-gray) (H 6) and about 10% conglomerate. Minor sulfides rite).
970-980'	silt-st. (H = 2 1/2 to appearance. Minor sul	ilt. gray - v. dk. gray calcareous 3 1/2). Some fragments have f.c. Ifides as granular fracture 0% or less silt-st. as before.
980-990'	80% gray-dk. gray f.g- before. 20% chert/qtz sulfides as before. T	f.c. quartzite w/minor sulfides as ite gravel conglomerate w/minor rc

McCoy Project: Hole: 25-9 Elevation: Date Drilled: Method: Location: Geologist: Gamma: Depth ( Description 990-10901 30-90% chert/qtzite subrounded-subangular gravel conglomerate with green, gray, brown chert and gray qtzite (as before, Trc) 10-70%. F.g.-f.c. gray quartzite. 1090-1100 40-50% conglomerate as above; 60-50% orange-gray sandy silt-st. 1100-1200' 30-50% greenish gray chert, rounded-angular pebble-gravel size chips-clasts. 30-50% gray, brownish-gray f.g. qtzite; 10-40% silty ss (orange-gray). Tro 1200-1440' 50-95% chert, qtzite, chert/qtzite conglomerate (Trc) as before. 5-50% buff, orange-gray or lt. brown-tan silty ss to sandy ss. Appearance of purple/red-gray qtzite, conglomerate. Tro 1440-1460' 60-70% tan-1t. brown sandy silt-st. 30-40% gravel conglomerate. Tro 40-80% gravel-pebble ( $T_{rc}$ ) conglomerate. Mostly v.f. gravels, rounded-angular. 20-60% orange-gray to lt. 1460-1540' brown silty-ss and sandy silt-st. 1540-16001 Chocolate-brown qtzite/chert gravel-pebble conglomerate (60% of total). Brown silty-ss, orange-gray sandy ss (40%). Tro 1600-1620' 80-100% chert/qtzite conglomerate w/bedded chert (angular chert clasts 40%). 1620-1640' 50% reddish-purple, silicified, subrounded to rounded silt-st. pebbles and finely crushed silt-st. containing large angular quartz phenocrysts. Many pebbles are graywacke (clay/silt-st. matrix with quartz phenocrysts see sample:). 30-40% Trc conglomerate as before. 10-20% grayish green qtzite and chert. Havallah Formation. 1640-1650 Fault zone: about 2% of total is greenish-white, soft

(H< 2), w/greasy feel, splintery soapstone (tall and/or other clay minerals). Does not expand when heated. 40%

	Project: McCoy		ž.
	Hole: 25-9		
Elevation:		Date Drilled:	
Location:		Method:	
Geologist:		Gamma:	
Depth ( )	Descript	ion	
	58% (!) red-purple silicit fault breccia with very as	wn, white, gray v.f.g. qtzite. fied siltstone conglomerate or agular clasts of chert, qtzite, alcite veins, caps. Calcite eavage faces.	
1650-1660	graywacke with micaceous of green/lime-green chert (Note: basal Trc unit may	erals present. Few pebbles of flakes (muscovite). Appearance w/iron staining (PPh?). oped east of 864-90 contains tes with identical micaceous	
1660-1690	green w/red iron stains or	increasing amount of green, n micro-fractures chert (20-75% still present (10-50%). Very	
1690-1740	As above with 30-60% green 20-30% silty graywacke who and has pheocrysts of qtz 0-10% brown qtzite (f.g.)	ich is now slightly calcareous ite (no micaceous flakes).	
1740-1750	No sample.		
1750-1880	15-45% reddish brown-purp	s angular gravel size chips. le silicified siltstone gravel brown quartzite gravel size acke (calcareous w/SiO2 us).	
1880-2000	10-20% buff to gray quart:	ole/brown silicified silt-st.; zite; occasional rock fragments e conglomerate from uphole -	
	stained on micro-fractures silt-st. (dark reddish-pur gray-orange) were mapped a hills 1-2 miles east of 29	these PP Havallah sequence rocks	

	Project: 864	
	Hole:	
Elevation:	5169	Date Drilled: 16/4/81 thru 9/5/81
Location: S	ESW Sec 9 T23NR40E	Method: rotary/air
Geologist:	Avery	Gamma:
Depth ( )	Descr	iption
0-15'	alteration (clay) prese iron veinlets and stain	tone, partly silicified, nt, brecciated and containing ing (50%). Chert-gray/pebble ilica matrix. Iron-stained.
15-25'	silt-st., sandstone, ch	ered (clay) T <sub>rc</sub> ? silicified ert congl. Drillers (Pat is fractured, poor drilling.
25-45'	30-50% of original rock silica. Some Trc congl white, gray F-m.g. quar	(Ls?) is totally replaced with omerate ( <5%). 50-70% brown, tzite.
45-55'		r. Some chert. Strongly 20% silty sandstone of an
55-65'	As above, with 50% Trc conglomerate and 5-45% color.	chert/qtzite silica cemented silty-sandstone of orange-gray
65-75'	As above, with 20-60% c sandstone. Very iron-s	
75-85'	As above, w/clay altera chert. Fault?	tion and brecciated conglomerate,
85-115'	Same as 65-75'.	
115-135'	85% chert/qtzite gravel orange-gray silty-ss m gray-white m.g. qtzite.	-pebble conglomerate. 10% atrix of conglomerate? 5%
135-155'		erate as above w/fault breccia & ock totally replaced with ned. One fragment with ss, 20% quartzite.
155-175'		all silicified rock (Ls?) - no cia. Another cinnabar fragment.

Same as above with 30% f-mg. White-buff qtzite.

175-185

	Project: 864
	Hole: <u>'38-9</u>
Elevation:	Date Drilled:
Location:	Method:
Geologist:	Gamma:
Depth ( )	Description
185-215'	Appearance of tan, buff, brown and orange white-gray F.M.G. qtzite. Many chips have black spotty appearance due to pheonocrysts (coarse sand grains). $H \approx 7$ . 60-80% total (congl., silicified congl. Ls 20-40%).
215-225'	60% orange-gray F.M.G. ss. 40% above. (silty-ss too).
225-2351	As above, but ss is siltier, and is sometimes a silty ss congl. with gravel size clasts of chert, 5% red silt st (silicified). Ss is orange-gray to lt. brown.
235-245	Same as above.
245-255'	Same as above. 50% ss, ss congl.
255-265	Same as above. 80% ss.
265-275'	Same as above. Some of ss is stained a flamingo pink-red. Mercury?
275-285'	50% tan-gray fg-mg qtzite (H =7). 50% congl./silicified Ls.
285-295'	80% gravel-pebble congl. in orange-gray silic. silty ss. Maxtrix.
295-307'	50% gravel-pebble congl. in orange-gray silic. silty ss or silicified. 50% qtzite, brown-orange gray interbedded w/reddish brown silt. st.
307-320'	Red siltstone w/thin interbeds, laminae of tan qtzite as above. 5% green chert angular chips. (PPh).
320-330'	As above with 40-50% red siltst (silic). 30-35% tan-orange qtzite. 15-20% green chert. (PPh).
330-340	60% gray silicified Ls. No effervescence in acid. Grain size is too small to see w/hand lens and silt. effervescence when scratched. 40% orange gray-brown ss.
340-350'	60-70% orange-gray-brown silty ss. 30-40% gray ss as

864

	Project: 864
	Hole: 38-9
Elevation:	Date Drilled:
Location:	Method:
Geologist:	Gamma:
Depth ( )	Description
350-360'	40% interbedded, thinly bedded orange-gray-brown silty ss. 60% gray-dk. gray chert gravel highly silicified congl. w/rounded-angular chasts.
360-370'	Same as above, but was 80% congl. Very tightly silicified clasts "melted" into each other.
370-380'	70% very silicified conglomerate. 30% brown-orange-gray silty ss. Looks like $t_{rc}$ . Two chips have cinnabar xls.
380-390'	Same as above but now 70% orange-gray silty ss. 30% congl.
390-4001	90% orange-gray to brown silty ss; & ss (f-mg), 10% conglomerate.
400-410'	90% iron-stained, gray silicified Ls, silty ss, orange-gray, 10% conglomerate.
410-420'	50% orange-gray ss (fg), 50% dense, gray silicified Ls or calcareous silt-st.
420-430	80% dense, gray silic. calc. Siltst. or Ls.
430-440'	Dense gray-dk. gray (bedded) siltst. and day st. (H =4). Some is silicified. Few qtz. w/sulfide picas.
440-450'	Same as above.
450-460'	Brown, brownish green-gray siltst. silty ss. Orange-gray too.
460-470'	Brown, brownish green-gray siltst. silty ss. Orange-gray too.
470-480'	Brown appearance of red silic. siltst.
480-490'	Brown, brown, brownish green-gray siltst. silty ss, but some iron-stained silty ss. Some of it is conglometric.
490-500'	
500-510	Gray f.g. ss, silty ss, clayst. siltst. (silicified) fractured, iron-stained.

	Project: 86	4
	Hole: 38-9	
Elevation:		Date Drilled:
Location:		Method:
Geologist:		Gamma:
Depth ( )	Descri	ption
510-520'	Same as above, but now	50% gravel chert silicified congl.
520-530'		siltstone is gray-reddish white-greenish gray while 40%
530-540'	Silicified. Sulfides o	ravel congl. Very dense. ccur as granular fracture ite, c/pyrite, others. Most to subrounded.
540-550'	Lt. gray - gray fg quar	tzite.
550-560'	Gray-brownish gray fg q st. (5%)	tzite (95%) red silicified silt.
560-5701	Gray-brownish gray fg q st. (40%)	tzite (60%) red silicified silt.
570-580'	Gray-brownish gray fg q st. (5%)	tzite (95%) red silicified silt.
580-590'	Gray-dk. gray chert and	qtzite (Fe) sulfides (minor).
590-600'	Gray, thinly bedded vfg v. minor chert, sulfide	qtzite, some silica silt. st., s (v. minor).
600-610'	Gray-red silicified sil	tstone, ss, and claystone.
610-620'	Gray-brownish gray fg-v chert (v. minor sulfide	fg qtzite, some silica silt. st., s)
620-630'	<pre>Gray-dk. gray qtzite (f congl. sulfides).</pre>	g), chert, and qtzite (chert
630-640'	Same but mostly conglom rounded-angular pebbles	
640-650	Same as 600-620 - cong1	. w/sulfides interval 6.
650-6601	95% red silicified silt	. st., qtzite (fg)
660-670'	85% " "	

60%

	Project: 864	
	Hole: 38-9	
Elevation:	Date Drilled:	
Location:	Method:	
Geologist:	Gamma:	
Depth ( )	Description	
680-690'	Same as 600-610', mostly gray chert, qtzite (fg) 10	-15%

Geologist:	Gamma:
Depth ( )	Description
680-690'	Same as 600-610', mostly gray chert, qtzite (fg) 10-15% red silt. st.
690-700'	Same as 600-610' with gray qtzite, green-gray chert, and chert congl.
700-710'	
710-720'	orthografian an Allendrich eine ar eine ein han de eine de eine de eine eine eine eine
720-730'	Same as 600-610'
730-740'	Gray silicified siltstone ss, greenish gray chert, iron-staining.
740-7501	Brownish gray qtzite, red silt. st., chert qtzite congl. (20%).
750-7601	Cong., chert, qtzite, 15% red silic. silt. st.
760-770'	Chert, qtzite, congl., minor sulfides.
770-7801	Chert, qtzite, congl., minor sulfides.
780-7901	Same as 750-760' 10% silt. st.
790-8001	" mostly qtzite.
800-810'	" "w/buff qtzite, green chert, gray-brown qtzite, red silt. st. (5%).
810-8201	Same as above. No buff qtzite.
820-8301	Chert, congl.
830-840'	" . some minor sulfides.
840-850'	Chert, congl., red silt. st. (30-40%).
850-860'	" (40-50%).
860-870'	Chert, congl., buff iron-stained qtzite (25%).
870-880'	" " (40%) w/orange- gray ss cong. (30%).

Project: 864
Hole: 38-9

Elevation:	Date Drilled:
Location:	Method:
Geologist:	Gamma:
Depth ( )	Description
880-890'	Green-gray chert congl.
890-900'	Mostly brownish-gray chert. 30% congl.
900-910'	
910-920'	Chert, congl. 50-56
920-930'	as in 890-900.
930-950'	Clear, brown, green chert, gray-brown fg ss minor sulfides w/FeS.
930-9401	Gray, brown-gray, dk. gray chert, qtzite; minor sulfides.
940-9501	Gray, brown-gray, with some red chert. Minor sulfides.
950-960'	Same as above.
960-970'	Same as above 5% red sulfides (minor pyrite).
970-980'	소프로 마르크 (1992) 1992 - 1992 - 1992 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993
980-990'	는 사람들은 하는 경험에 가장 있다. 그렇게 하고 있는 사람들이 하는 사람들이 되었다. 그런 그는 사람들이 되었다. 그는 사람들이 되었다. 그는 사람들이 바람들이 되었다. 그렇게 하는 사람들이 가장 하는 사람들이 되었다. 그렇게 되었다. 그렇게 되었다. 그렇게 하는 사람들이 되었다. 그렇게 되었다. 그렇게 되었다. 그렇게 되었다. 그렇게 그렇게 하는 것이 되었다. 그런 사람들이 있는 사람들이 되었다. 그렇게 되었다. 그렇게 되었는 것이 되었다. 그렇게 되었다. 그렇게 되었다. 그렇게 되었다. 그렇게 되었다. 그렇게 되었다. 그렇게 되었다.
990-1000'	" red chert ~20% sil. red silt. st. 5%, congl. 20% and/or breccia.
1000-1010	Same as above, 10% sulfides, congl. 20% and/or breccia.
1010-10201	Same, no red chert, mostly grayish chert, sulfides, and/or breccia.
1020-1030	
1030-1040'	
1040-1050'	는 이 발생하는 것이 되었다. 그런 그리고 하는 사람들이 함께 보고 있다. 그리고 있는데 이렇게 되었다고 있다. 그런 그리고 있는데 그런 그리고 있다. "보고 있는데 이렇게 그렇게 되었다"는 이번 보고 있는데 보고 있는데 보고 있는데 그리고 있다. 그리고 있는데 그리고 있는데 그리고 있는데 그리고 있는데 그리고 있는데 그리고 있는데 그리고 있는데 "보고 있는데 이번 사람들이 그렇게 되었다"는데 보고 있는데 보고 있는데 그리고 있는데
1050-1060'	Mostly cong. (green chert, gray-brown qtzite pebbles, gravels). Sufides.

Project: 864
Hole: 38-9

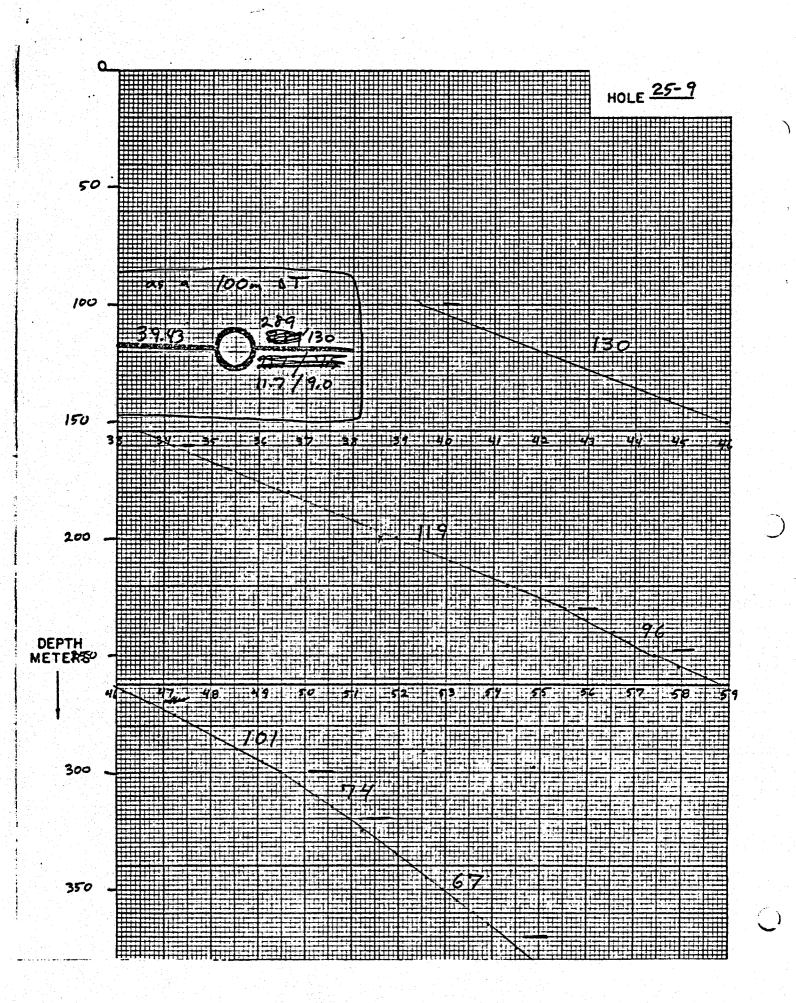
Elevation:	Date Drilled:
Location:	Method:
Geologist:	Gamma:
Depth ( )	Description
1060-1070	Same but more alteration, breccia. Iron-staining, sulfides less.
1070-1080	Mostly green-gray chert, & brown chert w/ congl., sulfides.
1080-10901	Iron-stained chert, qtzite, very little sulfides.
1090-1100	Iron-stained chert, qtzite, very little sulfides.
1100-1110	Iron-stained chert, qtzite, very little sulfides.
1110-1120	Gray-brown-green chert qtzite, minor sulfides & congl.
1120-1130	
1130-1140	
1140-1150	
1150-1160	Same as 1110-1150' minor sulfides.
1160-1170	Same as 1110-1150' minor sulfides.
1170-1180	Same as 1110-1150' minor sulfides.
1180-1190	Same as 1110-1150' no sulfides.
1190-1200'	More reddish brown F.C. qtzite, chert congl. No sulfides.
1200-1210	Same as above.
1210-1220'	Mostly brown-gray-green chert (90%). No sulfides.
1220-1230	Chert, qtzite, no sulfides.
1230-1240	Same as above
1240-1250'	Same as above
1250-1260	Same as above

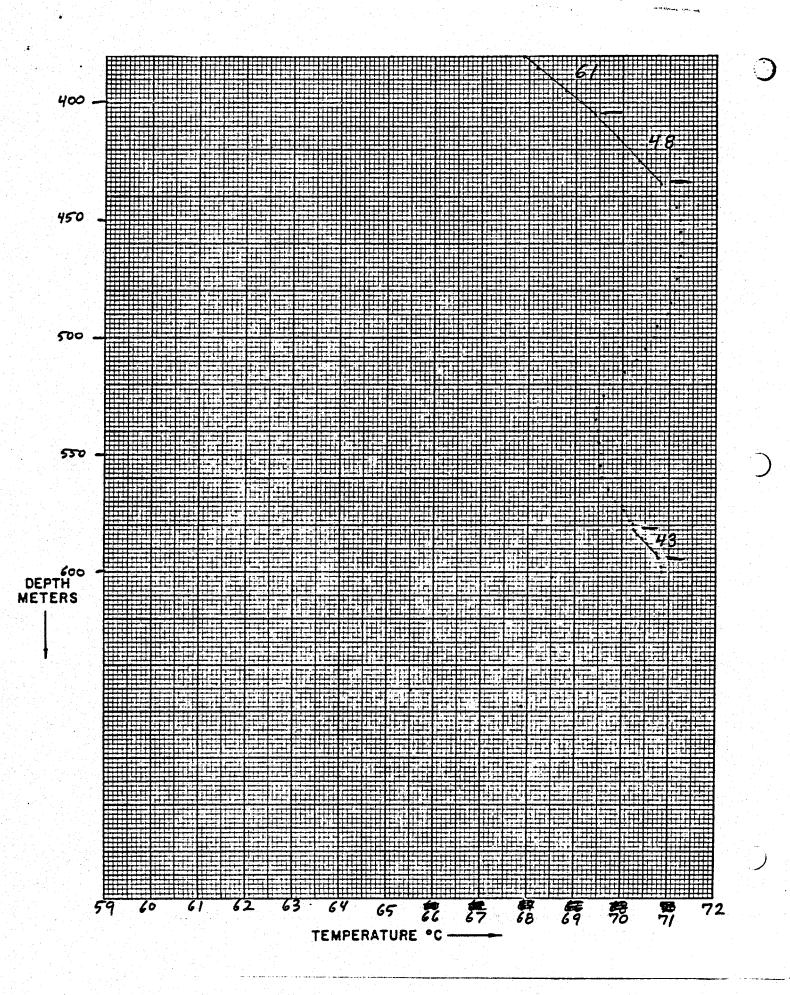
	Hole: 38-9
Elevation:	Date Drilled:
Location:	Method:
Geologist:	Gamma:
Depth ( )	<b>Description</b>
1260-1270	Same as above
1270-1280	Same as above w/minor sulfides (minor pyrite).
1280-1290	Same as above.
1290-1300	Same as above.
1300-1310'	plus, silicified siltst. (red): 20% of total.
1310-1320'	Same as above, no sulfides.
1320-1330'	Same as above.
1330-1340	Gray-green chert, orange-gray-brownish-gray-reddish-brown qtzite, red silic-silt. st. and 40-50% chert gravel congl., v. minor sulfides as FeS <sub>2</sub> .
1340-1350'	As above.
1350-1360	Gray-reddish brown qtzite (60%), gray-green chert (20%), chert congl. (20%).
1360-1370'	Chert; qtzite - gray, brown, red, green, yellow, clear.
1370-1380	
1380-1390	Reddish-brown silicified siltstone, silty-qtzite, silt. st. congl. w/some red chert.
1390-1400'	as above, w/ 10% green chert.
1400-1410	Green chert (iron-stained), brown qtzite, red silic. silt. st.
1410-1420	Dk. gray-green chert, qtzite as above, fault breccia only and chert congl., minor sulfide as FeS, red silic. silt. st.
1420-1430	As above, no silt. st.

# AMAX EXPLORATION, INC. TEMPERATURE/DEPTH LOG

864-65

4 f	and the second of the second o						ΔΤ	Well No	25-9	<u> </u>
	Property-Pro	ject_Mc	Coy				Depth L	ogged 600	Om	·
	Map		Scale	71/2	Date	: Drille	ed 5-2	-S/ Logg	ed 8-5-81	<u> </u>
\$	State_ <i>Nv</i>	County_	hurchill	_,	_of		of 5W	of Sec 9	T22 N R 40	
	Instrument =			Opera	tor	JED.		Elevation_		(ft m)
	Comments 27	pipe 7			20 hu	J	open	hole. To	mps fr	وسوه
	sper 40	M OT			<u>, , , , , , , , , , , , , , , , , , , </u>	-01				
<b>:</b> T	Proj No	Well No	Date Logger DA MO	YR						
JUSTIF	12345	6 7 8 9 10		7 18 19 20 8 1 C M	*19-Writ	e F if Fahr	enheit, 20	-Write F if Fe		
. ∀ ,			Site Description				Operator	_ Editor	Drilled DA MO	YR
Card	21 22 23 24 25 2			37 38 39 40	41 42 43 44 45	46 47 48 49 50			61 62 63 64 65	56 E7 G
	19,05	(M 5 )	ell? oil test? etc	ORPE	- WILME		]  J €	PVUH	02/10/5	181
	(Approx. loce		NCCOY							
	Scale Unit		N Lat	Map Lo		* Long				
	IN .	Map Size 75, 15., 60.)	Degree	Min .	Degree	. Min	茶净			
		6 27 26 29 30 T	31 32 33 34 35 36		41 42 43 44 45		Çornar	re from SW of map; except heats measure		
C _	(BEMBA	17.5	39.	45.0	11171-	30.0	I from (	nark (W,-)(E,+)		
Card B	<b>`</b>			se decimali rthing		Easting		Elev		
ပိ	1			5  56  57  58	9 60 61 62 63			13 74 15 76 17 17	779 LIO	
	<b>\</b>			16.	7	3.	85		F - if m	e M II eters
					—— Use o	lecimals ——				
	Segment != D			I a second of the second	onductivity			Best cond.		
	Sto		End 31   32   33   34   35   36		K 41 42 43 44 45		_		extrapolation -∆K)	IS
		100.0			A A Sept for	-0.5		, K	. Δκ	
			Segment 2	51  52  53  5-	160	9 60 61 62 63		68 69 70 71 72 73	74   75   76   77   78   79	80
	Segment 3		Stort		1100					للا
		30.0	Segment 4	50.0			}	de de de		ट्य <del>ांच्य</del> ी
	Segment 5		Start —	· [ ] [ ]	1250		1 39	0.0		
		800.0	3	20·p			j			
	Segment 7		Segment 6 Start	i	320	. 0	37	0.0		
		70.0		95.0						
	:					CONTRACTOR OF THE PARTY OF	3			-
	Segment 9		Segment 8 Start —		405	a I I	43	ज. b		
C	Segment 9		Segment 8 Start —		405	a III	43	5.15		





Date Logged: 5 - 15 - 51

ΔT Well No.\_\_\_\_

Depth (meters)	Instr. Reading	Temp. °C	ΔΤ	Grad. °C/km	K (Est.)	H <sub>2</sub> 0 Air	Lithology, etc.
90	55,04	38.02					
100	52.24	39.43		-	ļ		
110	49,72	40.76					
120	47.31	42.10					
130	44.94	43.48					
140	42.93	44,7/					
150	41.05	45,92					
160	39.15	47.20					
170	37.50	48,37					
180	35,79	49,63					
190	34.30	50.79					
Con	TINUED	on	JEXT P	AGE,			
, the second second	1		1				

Date Logged				
	`	 	 	

Depth (meters)	Instr. Reading	Temp. °C	ΔΤ	Grad. °C/km	K (Est.)			
200	33.30	51.60					Cable in	10973 1309
250	26.94	57.42	5.82					
255	26.42	57.96	0,54	108				
260		58,51	0.55	110				•
265	25.30	59.16	0.65	130				<del></del>
270	24.81	59.70	0.54	108				
27 <i>5</i>	24.32	60,26	0.56	112				
280	23.92	60.72	0.46	92				
285	23.61	61.09	0.37	74				1 (s
290	23.23	61.54	0.45	90_	•			
295	22,77	62.10	0.56	112				<del></del>
300	22.47	62.47	0.27	54				
305	22.15	62.87	0.40	80				· · · · · · · · · · · · · · · · · · ·
310	21.85		0.39	78				
315	21.60	63.26	0.33	66				
	21.33	63,59	0.35	70				
<u>320</u> 325	21. 11	64.23	0,29	58				
330			0.34	72_				
		64.60	0.37	74				
3 <i>35</i> - 340	20,57	64.97	0.30	60				
270 34 <i>5</i> -	20.35	65.61	0.34	68				
35°0	19.87		0.34	68				
365	19.65	65.95	0.31	62				
360			0.35	70_		$\dashv$		
760 365	19.41	66.61	0.31	62				
370	19,20	66.92	0.35	70				
375	18.97	67.27	0.26	52				
(=Conduct	18.90	67.53			Lİ		_ of	

Depth	Instr.	Temp.	Γ	Grad.	K	H <sub>2</sub> 0	
(meters	Reading	°C	ΔΤ	°C/km	K (Est.)	Air	Lithology, etc.
380	18.56	87.89	0.36	72			
385	18.37	68.19	0.30	60			
390	18.18	68.49	0.30	60			
395	18,00	68,77	0.28	56			
400		69,09	0.32	64			
405		69.40	0,31	62			
410	17.48	69.61	0.21	42			
415	17, 31	69.89	0.28	56			
420	17.17	76.13	0.26	52			
425	17.03	70.36	0,23	46			
430	16.90	70.59	0.23	46			
435		70.83	0.24	48			
440	16.66	71.00	0,17	34			
445			0,14	28			
450	16.54	71.14	0.07	14			
455		71,21	0.02	4_			
460	16.52	7/.23	0.01	_2			
		71.24	-0.01	- 2		$\dashv$	
465	16.53	71.23	-0.06	-12			
470	16.56	71.17	-0.03	- 6			
475		71.14	-0.04	-8			
480		71.10	-0.07	-14		$\dashv$	
485		71.03	-0.08	-16			
490		70,95	-0,12	-24			
495		70.83	-0.18	-36			
500		70,65	-0.17	-34			
505	16.96	70.48					
510	17.07	70.30	-0.18	-36			

Date	Logged:	•			
Date	Loggeu.	·	 	 	

Depth	Instr.	Temp.		Grad.	K	H <sub>2</sub> 0	
(meters)	Reading	°C	ΔΤ	°C/km	(Est.)	Air	Lithology, etc.
515	17.21	70.06	-0.24	-48			
520	17.36	69,81	-0,35	-70			
525	17.49	69.60	-0,21	-42			
530	17.58	69.45	-0.15	-30			
535	17.58	69.45	0,00				
540	17.57		0,02	4			
		69,47	0.04	8			
545	17.54	69.51	0.04	8			
550	17.52	69.55	0.00	0			
555	17.52	69.55	0.03	6			
560	17.50	69.58		26			
565	17,42	69.71	0,13				
570	17.32	69.88	0,17	34_			
572	17.24	70.01	0.13	65_			
574	17.21	70.06	0.05	25			
576	17,17	70,13	0,07	35_			<del>landrat verd og stadionerne er vinste stadionerne er e</del> er. Til stadioner
578	17.15	70.16	0.03	15			
			0.05	25			
580	17,12	70.21	0,04	20			
582	17.10	70,25	0.06	30			
584	17.06	70.31	0,12	60			
586	16.99	70.43	0.10	50			
588	16.93	70,53	0,09	45			
590	16.88	70,62					
592	16,83	70,71	0.09	45			
594	16.80	70,76	0.05	25			
596			0.08	20			
598	16.75	70,84					ti eti eriye ili eriye karan ili yaran aran karan yaran ili eriye eriye eriye eriye eriye eriye eriye eriye er T
600	16.74	1	0.04	20			
K=Conduct:		70,86					

Date	Logged:		
Date	Loggea.	 	

ΔΤ	Well	No.	25-9	
ΔΤ	Well	No.	25-9	

Depth (meters)	Instr. Reading	Temp. °C	ΔΤ	Grad. °C/km	K (Est.)	H <sub>2</sub> 0 Air	Lithology, etc.
598	16.73	70.88	0,02	10			
600	16.73						
602	16.73						3
604	76.72						
							•
				·			
						-+	
K=Conducti			·				

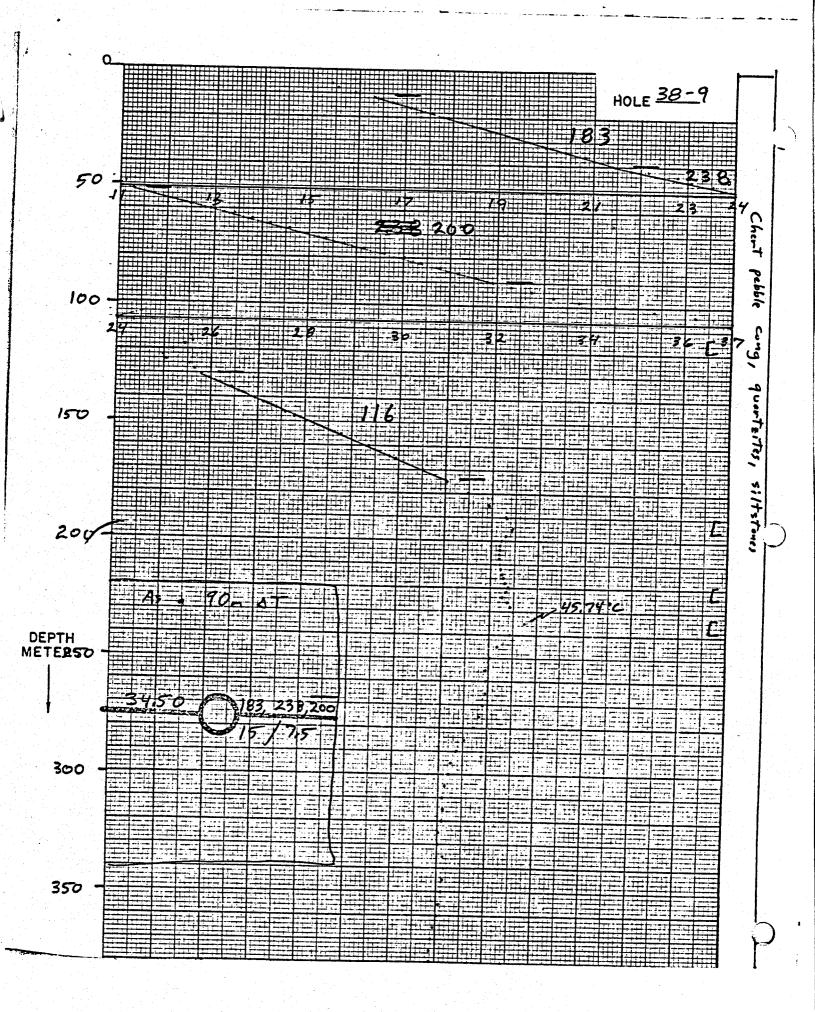
K=Conductivity

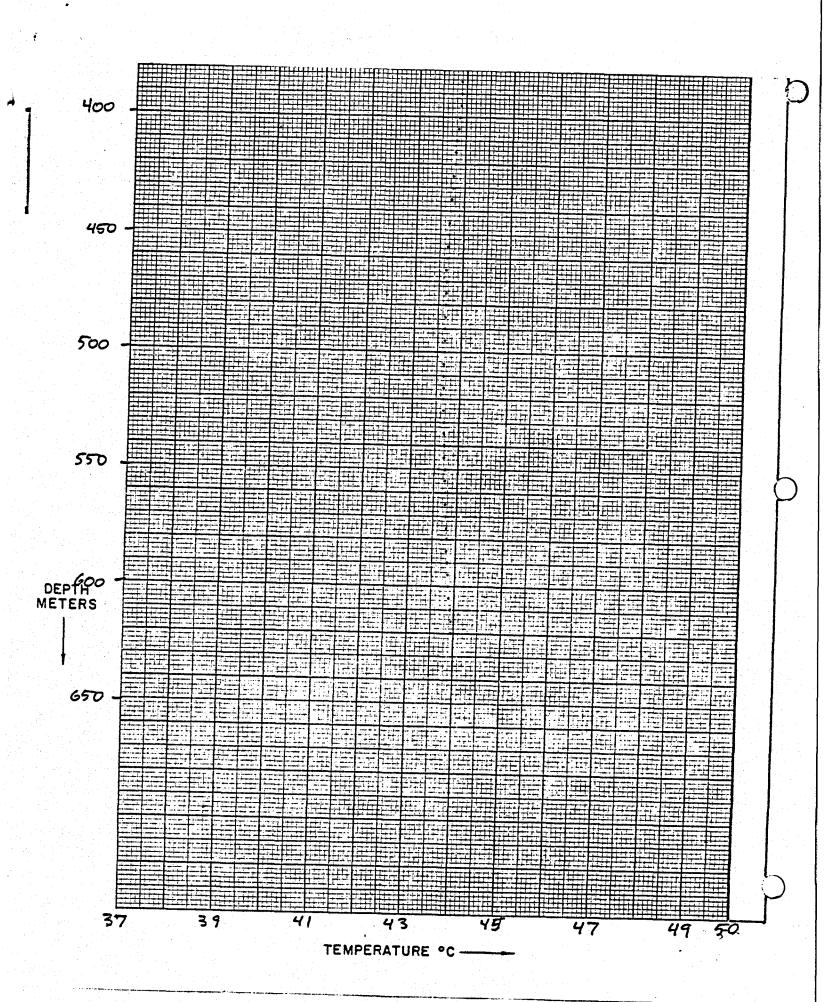
page \_\_\_\_ of \_\_\_

AMAX EXPLORATION, INC. TEMPERATURE/DEPTH LOG

864-62

					ΔT We	11 No. 38	-9
<i>C</i> :	Property-Projec	t McCoy			Depth Logo	jed 620 m	
المحالا	MapGilbert C	S.W. Scale	7/2	Date: Dri	11ed 5-21-81	Logged 7	1-31-81
	State NV C	ounty Churchill	<u>,</u>	ofof <i>_5<u>E</u></i>	E of SW of	Sec 9 T23	NRYOF
	Instrument #4	6	Operato	r_ JED	) E1	evation	( <sup>ft</sup> m)
	Comments 27 "	H20 Filled	1 steel	ppe in	open 61/4	· holy	· · · · · · · · · · · · · · · · · · ·
		Datatos					
RT JUST	Proj No We	Date Log II No DA MO	gea YR				
JU31	1234567	8 9 10 11 12 13 14 15	<u> </u>	*19-Write F if F	abreebeit 30 W	ita E 16 E1	
	z   BGH	623107	8/cM	wile i firm	omennen, 20-wi	ite P it Feet	Drilled
3		Site Descript			Operator	Editor DA	MO YR
ć	0.35 KM	28 29 30 31 32 33 34 35 MMCCOY	36 37 38 39 40 41	42 43 44 45 46 47 48	49 50 51 52 53 54 55	56 57 58 59 60 61 62	63 64 65 66 57 6
	\ <del>                                     </del>	,water well?, oil test?,	etc.)			強い。強要的とこ	10/2/10/1
	Scale Unit Mar	Size N L		tion * * W Long			
	CM, (7.5,)	5.,60.) Degree		Degree Mi		from SW	
	21 22 23 23 25 26 27	26 29 30 31 32 33 34 35	36 37 38 39 40 41	42 43 44 45 46 47 48	49 50 corner of m	nap texcept ts measure	
0			Use decimals -	117. 30	degree mar	k (w,-)(E,+)	
<u></u>			Northing	Easti	ng Elev		
(	<b>5</b> /			50 61 62 63 64 65 66			W/=:A== 8.4 1/
			55.5	5	4.09	1.	Write M is ← if meters
				Use decimals -			
	Segment I = Depth			luctivity		Best cond. (-K)	
	Start 21   22   23   24   25   26   27	E 28 29 30 31 32 33 34 35	nd 36 37 38 39 40 41	K AK		Downward extra (-ΔK)	
		21,0	40,0		I End	, K	ΔΚ
		Segment	2 51 52 53 54 55	56 57 58 59 60 61 62	63 64 65 66 67 68 69	70 71 72 73 74 75 7	6 77 78 79 80
	Segment 3	Start —		40.0	1		
		2,0	THE RESIDENCE OF THE PARTY OF T	71.57 Hol.	<u>দ্র</u>		
	Segment 5	Segment Start —	<b>→</b>	90,01	1130	0	
	13	0,0	751,0				est in the second of the secon
	Segment 7	Segment ( Start —	6 → 111111111111111111111111111111111111	175,0	1195.	0	
	19	5.0	120.0				
	Segment 9	Segment Start —	8	1999			
()							(a. 131 (a. 24) 20 (d. 1
	21 22 23 24 25 26 27	28 29 30 31 32 33 34 35 3	6 37 38 39 40 41	2 43 44 45 46 47 48 4	950	more rise series	





Date Logged: 7-31-81

Depth meters)	Instr. Reading	Temp. °C	ΔΤ	Grad. °C/km	K (Est.)	H <sub>2</sub> 0 Air	Litholo	gy, e	etc.
6	124.60	15.41				H20	Cable	10	.1060
8	123.99	15,56		176		1	Cable	out	.0926
10	122,50	15.91	0.35	175		1			· · · · · · · · · · · · · · · · · · ·
12	120.73	16.34	0.43						
14	118.99	16.76	0.42	210		1			
16	117.60	17.10	0.34	<u>170</u> 220					- :
18	115.85	17,54	0,44						<del></del>
20	114,40	17.90	0.36	180		1			<del></del>
22	113,25	18.19	0.29	175					
24	111.91	18.54	0.35	175 195		1			
26	110.37	18.93	0.39	170					
28	109.07	19.27	0.34						
30	107.67	19.64	0.37	135		V			
32	106.41	19.98	0,34	170					
34	104.83	20.40	0.42	210					
36	103.30	20.32	0.42	210					
38	101,56	21.30	0.48	240					
40	100.01	21.45		75					
42	98.45	22,17	0,72	360					
44	96.60	22,70	0.39	<u> 265</u> 195					
46	95.28	23,09	0.47	235				· · · · · · · · · · · · · · · · · · ·	
48	9368	23,56	0.37	185					
50	92.43	23,93	0.37	185					
52	91.22	24.30	0.40	200					
54	89.89	24,70	0.35	175					
56	88.78	25,05	1					<del> </del>	
58	87.42	25.47	0.42	210					

Depth (meters)	Instr. Reading	Temp. °C	ΔΤ	Grad. °C/km	K (Est.)	H <sub>2</sub> 0 Air	Lithology, etc.
60	86.02	25,92	0.45	225			
62	84.49	26.41-	0.49	245			
64		26.79	0.38	190			• • • • • • • • • • • • • • • • • • •
66		27.17	0.38	190			
68		27,58	0.41	205			
70	79.91	27,94	0.36	180			
72	7871	28.35	0,41	205			
74	77.51	28.77	0,42	210			
76	7638	29.17	0.40	200			
78	75.20	29.60	0.43	215			
80	74.04	30,02	0,42	210			
82	73.05	30.39	0.37	185			
84	71.97	30,79	0,40	200			
86		31.17	0,38	190			
88	69.95	31.56	0.39	195			
90	6905	31.91	0.35	175			
92	68.04	32,31	0.40	200			
94	67.03	32.72	0.41	205			
96	65.85	33.20	0.48	240			
98	64.50	33.75	0.55	275			
100	62.73	34.50	0.75	375			
102	60.79	35.35	0.85	425			
104	59,96	36.22	0.87	435			
106	57.17	37.00	0.78	390			
103	56.44	37,35	0.35	175			
110			1.03	258			
112	54.31	38.38					

Depth (meters)	Instr. Reading	Temp. °C	ΔΤ	Grad. °C/km	(Est.)	H <sub>2</sub> 0 Air	Lithology, etc.
114	53,93	38.57	0,19	95			
116	53.89	38,59	0.02	10			
118	54.18	38.45	-0.14	-70			
			-0.26	-130			
120	54.70	38.19	-0.19	- 95			
122	55.10	38,00	0.06	30			· · · · · · · · · · · · · · · · · · ·
124	54.97	38.06	0,49	245			
126	53.98	38.55					
128	53,76	38,66	0.11	55			
130	53,45	38.81	0.15	75			
132	53,10	38.99	0.18	90			
134			0.22	110			
	52.66	39.21	0.23	115			
136	52.21	39.44	0.23	115		-	
138	51.78	39.67	0.26	130			
140	51.28	39,93	0,23	115			
142	50.84	40,16	0.24	120			
144	50.38	40.40	14.19 13 40.0		#1 1 1		
146	50:03	40,59	0.19	95			
148	49.68	40.78	0,19	95			
150	49,24	41.02	0.24	120	. Y		
155	47.89	41.77	0.75	150			
160	46.83	42,37	0,60	120			
			0,58	116			
165	45,83	42,95	0,56	112			
170_	44.88	43,51	0.49	98			
175	44.04	44.02	0.47	94			
180	43.29	44.49	0.46	92			
185	42,56	44.95					
190	42.00	45,30	0,35	70		- 1	

Depth (meters)	Instr. Reading	Temp. °C	ΔΤ	Grad. °C/km	K (Est.)	H <sub>2</sub> O Air	Lithology, etc.
195	41.81	45,43	0,13	26			
196	41.84	45,41	-0,02	-20			
197	41.95	45,34	-0.07	-70			
198	4201	45,30	-0.04	-40		4	
199	4207	45,26	-0.04	-40			
200	4213	45.22	-0.04	-40			
202	4220	45,17	-0.05	-25_	i e esta de la composición dela composición de la composición de la composición dela composición dela composición dela composición dela composición de la composición dela composición del		
204	42.22	45,16	-0.01	-5			
206	42.22	45,16	-0.00				
208	42.22	45,16	-0.06	0			
210	42.19	45,18	0.02	_/0			
212	42.16	45,20	0.02	_10			
214	42.11	45,23	0.03	_15			
216	42.06	45.26	0.03	15			
218	4199	45,31	0.05	25			
220	41.91	45,36	0,05	25			
222	41.98	45,32	-0,04	<u>-20</u>			
224	42.06	45.26	-0.06	-30_			
226	41.95	45,34	0.08	40			
228	41.83	45,41	0.07	<u> 35                                    </u>		al es	
230	41.72	45.48	0.07	_35			
235	41.32	45.74	0,26	52			Highest measured Temp
240	41.82	45,42	-0,32	-64	•		
245	42,19	45,18	-0.24	<u>-48</u>			
250	42.46	45,01	0,17	<u>-34</u>			
255	42.57	44,94	-0.07	-14			
260	42.55	44,95	6.01				

Depth (meters)	Instr. Reading	Temp. °C	ΔΤ	Grad. °C/km	(Est.)	H <sub>2</sub> 0 Air	Lithology, etc.
165	42.54	44.96	0.01	2			
270	42.65	44.89	-0,07	<u>14</u>			
275	42.76	44.82	-0,07	- 14			
280	42,95	44.70	-0,12	= 24			
285	43.24	44.52	-0.18	-36			
290	43,50	44.36	-0.16	-32			
295	43.68	44.25	-0,11	-22			
300	43.76	44.20	-0,05	-10			
305	43.86	44.13	-0,07	<u>-14</u>			
310	43.92	44.10	-0.03	-6			
315	43.91	44.10	0.00				
320	43.93	44.09	-0.01	-2			
325	44.05	44.02	-0.07	-14			
330	44.06	44.01	-0.01	=2			
335	73.89	44,12	0.11	22			
340	43.85	44.14	0.02	<b>4</b>			
345	43.89	44.12	-0,02	-4_	-		
350	43,94	44.09	-0,03	-6_			
355	43,99	44.05	-0.04	- 8			
360	4407	44.01	-0,04	-8			
365	44.17	43.94	-0.07	-14_			
370	44,25	43,90	-0.04	<del>- 8</del>			
375	44,28	43.88	-0.02	-4			
380	442%	43.89	0.01	2			
385	44,24	43,90	0.01	2			
390	4425	43.90	0.00	0			
395	44.26	43.89	<u>-0,01</u>	-2_			

	40.00	and the second					
Date	Logged:		<u> </u>		ΔΤ	We11	No
							<del></del>

Depth (meters)	Instr. Reading	Temp. °C	ΔΤ	Grad. °C/km	(Est.)	H <sub>2</sub> 0 Air	Lithology, etc.
400	44.31	43.86	-0.03	-6	,		
405	4434	43.84	-0,02	-4			
			-0.02	-4			
410	44.38	43,82	-0.02	-4			
415	44.40	43.80	-0.02	-4		e in in	
420	44,44	43.78	-0.02	-4			
425	44.47	43.76	-0,02	-4			
430	44,50	43,74	-0.02				
435	44.53	43.72		-4			
440	44.56	43,71	-0.01	_2			
445	4460	43.68	-0,03	-6			
450	44.61	43.68	0.00	_0			
455	44.63	43.67	-0.01	<u>-2</u>			
	4	F 15 F 10 LL	0.01	2			
460	44.61	43.68	-0.03	-6			
465	44.66	43.65	0,00	_0			
470	44.65	43.65	0,00	0			
475	44,66	43.65	-0,01	-2			
480	44.68	43.64	0.00	0			
485	44.68	43,64	0.00				
490	44.68	43.64		_0			
495	4468	43.64	0.00	0		•	
500	44.68	43,64	0.00	0			
505	4468	43.64	0,00				
510	4468	43.64	0,60				
515	44.67	43,64	0.00	_0			
			0.01	_2			
520	44.66	43.65	0.00	0		+	
525	44.65	43,65	0.00	0			<del></del>
530 K=Conduct		43.65	·				

Depth (meters)	Instr. Reading	Temp. °C	ΔΤ	Grad. °C/km	(Est.)	H <sub>2</sub> 0 Air	Lithology, etc.
535	44.61	43.68	0.03	6			
540	44.59	43,69	0.01	2_	-		
545	44.58	43.70	0.01	2			
550	44.58	43.70	0.00	4	•		
555	44.54	43.72	0.02		•		
560	44.52	43.73	0.01	2	-		
565	44.50	43,74	0.01	2	•		
570	44.48	43.76	0.02		•		
575	44.45	43.77	0.01	2	•		
580	44.43	43,79	0.02	2	•		
585	44.40	43.80	0.01	4	•		
590	44.38	43.82	0.02	2	•		
595	44.35	43.83		6			
600	44.31	43.86	0.03	4	•		
605	44.27	43.88		6	•		
610	44.23	43.91	0.03	4	•		
615	44.19	43.93	0:03	6			
620	44.15	43.96			•		
							-
			-				
							· · · · · · · · · · · · · · · · · · ·
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\							
			J	1	-		