ORE ____ ____ FAV.
MIN. ____ ____ UNFAV.
BARREN ____

U.S.A.E.C.

HOLE NO. N-52

PROJECT Climax

LOCALITY Holiday Mesa CLAIM C-3

COLLAR ELEV. 5453.8 DEPTH 205

COORDINATES 179,704.4N 401,710.1E

DATE COMPLETED 8-8-54

LOGGED BY J.B.G. DATE 8-8-54

RECOVERY 90 %

RECOVERY	GEOLOGIC COLUMN	COLOR	BEDDING	TEXTURE	GRAIN COATINGS	CARBON	ORE MINERALS	MISCELLANEOUS: Formation	% Limonite	$CaCO_3$ / SiO_2 Content	% Mudstone	DEPTH
						0-180' Plugged						180
	SS	Gy	M	C	$CaCO_3$	R			<2	60-C 40-S	2	
17.0 / 18.0		Gy	M To Thk	Cgl	$CaCO_3$ $CaCO_3$ + SiO_2	C To A			<2	70-C 30-S		X3
									<2	50-C 50-S	12	190
		Gn	Thk	Clay	Clay	R			<2	75-S	100	
		Gy	Thk	Sst Cgl	$CaCO_3$	R			<2	75-C	2	
		Gy-Gn	Thk	Clay	SiO_2	R			<2	75-S	40	
					$CaCO_3$					65-C		
		Gy	M	Cgl	$CaCO_3$ SiO_2	R to C			<2	50-C	30	
5.5 / 7.0					SiO_2	C				25-C	125	200
		Gy		Silt-				Rs		<30		
		R	Thk	stone	SiO_2	R		Rm	<2	80-S	0	205
												Bottom

X100

X3

220.5

Lower 10.0' Rs = 33% Mudstone
Upper 1.0' of Rm altered R to Gy

Note: (1) Depth 180-185 is in permeable coarse ss. No drilling water returns during core drilling. Believed to be escapings in this section.

Anomalous β/Ray reading from 202' - 205' in unaltered red mocktop which showed no count on a Geiger counter. After Cave drilling to 205' the hole was reamed and plugged to 225' and β ray logged again. Log shows one to be approximately same location as first β ray log. May have been due to some measurement error by the driller.