

DIGITIZED GEOPHYSICAL LOGS FOR SELECTED WELLS ON OR NEAR  
THE IDAHO NATIONAL ENGINEERING LABORATORY, IDAHO

by

Roy C. Bartholomay

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## FACTORS FOR CONVERTING INCH-POUND UNITS TO METRIC (SI) UNITS

For readers who prefer to use International System (SI) units, rather than inch-pound units, the following conversion factors may be used.

<u>Multiply inch-pound units</u>	<u>By</u>	<u>To obtain SI units</u>
inch (in.)	25.4	millimeter
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
square mile (mi <sup>2</sup> )	2.590	square kilometer

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called "Sea Level Datum of 1929."

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ABSTRACT

The U.S. Geological Survey, in cooperation with the U.S. Department of Energy, digitized geophysical logs from wells at the INEL (Idaho National Engineering Laboratory) logged prior to August 1989, to make them more accessible. Geophysical well logs were digitized, processed, and stored on 5¼-in. floppy disks.

The types of geophysical logs available and the number of each digitized are listed for wells on or near the INEL. Data sheets with information on the wells are presented along with selected neutron, gamma-gamma, gamma, and caliper logs.

INTRODUCTION

The INEL (Idaho National Engineering Laboratory) covers about 890 mi<sup>2</sup> of the eastern Snake River Plain in southeastern Idaho (fig. 1). The INEL was established in 1949 and is used by the U.S. Department of Energy to test different types of nuclear reactors. The INEL is one of the main centers in the United States for investigating the peacetime use of atomic energy, nuclear safety research, defense programs, and advanced energy concepts.

In 1949, the U.S. Atomic Energy Commission--now the U.S. Department of Energy--requested the U.S. Geological Survey to investigate the hydrogeologic conditions at the INEL and adjacent areas prior to the development of reactor operations. Current investigations involve monitoring the effects of activities at the various facilities at the INEL, and determining natural changes in the hydrologic regime.

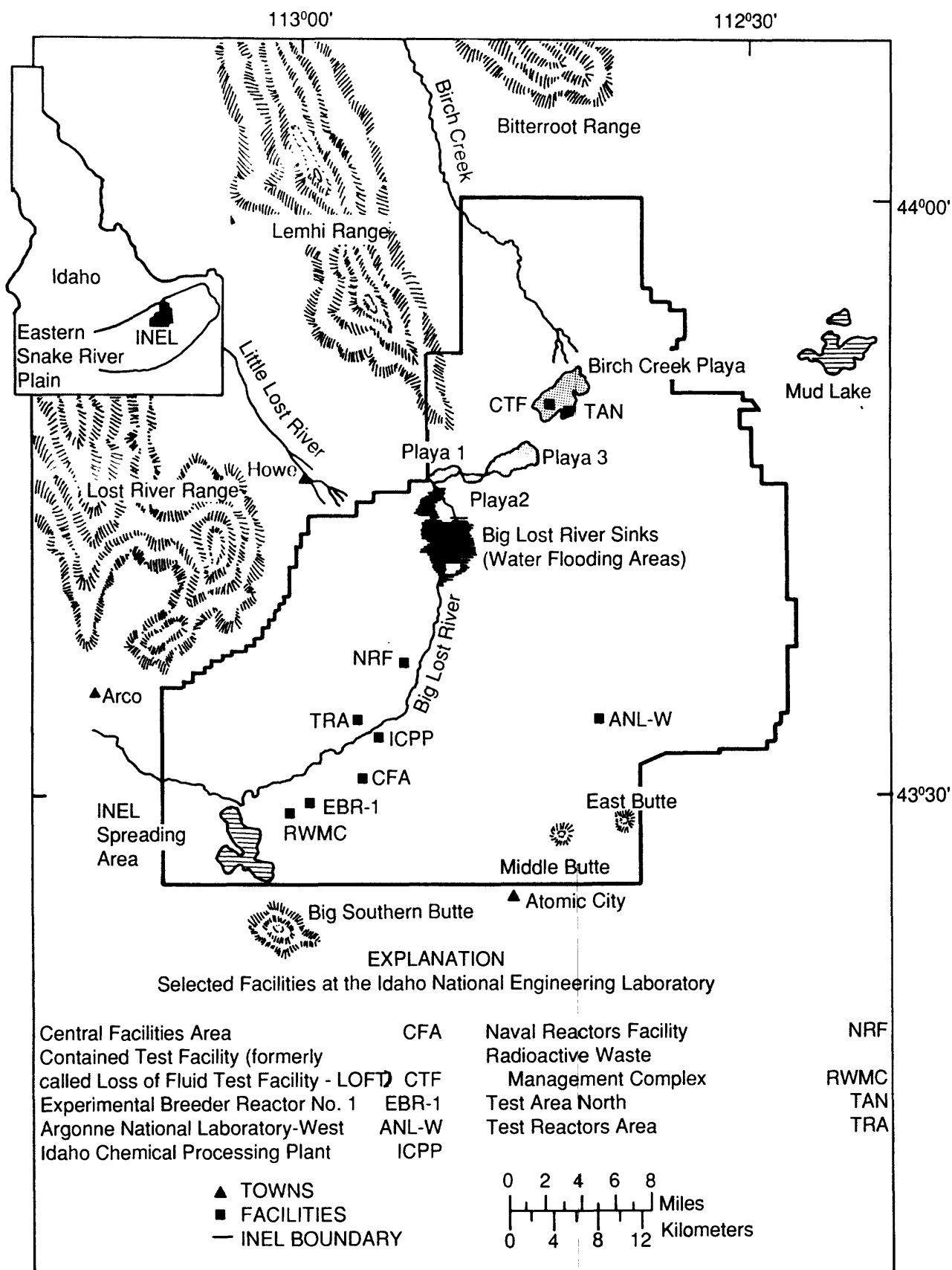


Figure 1.--Location of the Idaho National Engineering Laboratory and selected facilities.

Many geophysical well logs--including neutron, gamma-gamma (density), gamma, caliper, temperature, resistivity (electric), specific conductance, magnetic, and flowmeter--have been run and are on file at the U.S. Geological Survey's project office at the INEL. Selected logs run prior to August 1989 were digitized to make them more accessible. Digitized logs were stored on ten 5¼-in. floppy disks as unprocessed files. The digitized data subsequently were edited and stored on 12 additional 5¼-in. floppy disks as processed files. This report lists the number of logs available and describes the procedures for digitizing the well logs. It also includes printed copies of selected neutron, gamma-gamma (density), gamma, and caliper logs developed from the digitized data for wells on or near the INEL. The digitizing program was conducted by the U.S. Geological Survey, in cooperation with the U.S. Department of Energy.

#### NUMBERING SYSTEM FOR WELLS AND LOGS

To understand the maps and tables contained in this report, it is first necessary to discuss the various systems used for identifying well sites and log types.

#### Local Well Names

Names and locations of wells for which geophysical logs are available are shown in figures 2-6. The local well names on figures 2-6 were shortened in some cases for clarity. Numbers on figures 2-6, such as 1, 89, and 101, refer to USGS (U.S. Geological Survey) wells. Wells M1-M6 (fig. 2) at the Argonne National Laboratory West (ANL-W) refer to ANL-IWP (Industrial Waste Pond) wells. Abbreviations such QAB (Quaking Aspen Butte), RRW (Rifle Range well), BFW (Badging Facility well) were used for some wells with long local names. Table 1 lists well identifiers and abbreviations for all the well logs used in this report.





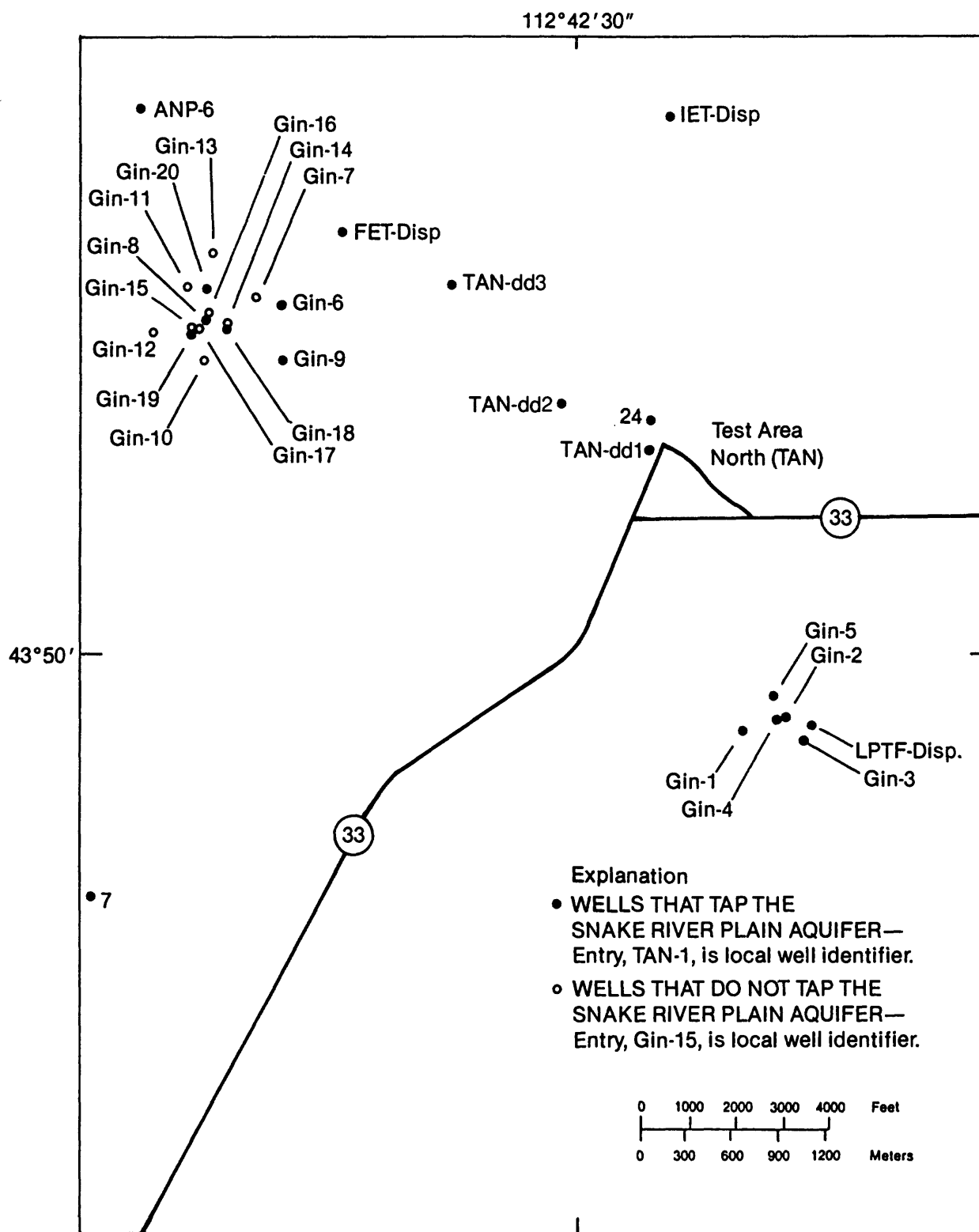


Figure 3.--Locations of wells in the TAN area for which digitized logs are available.

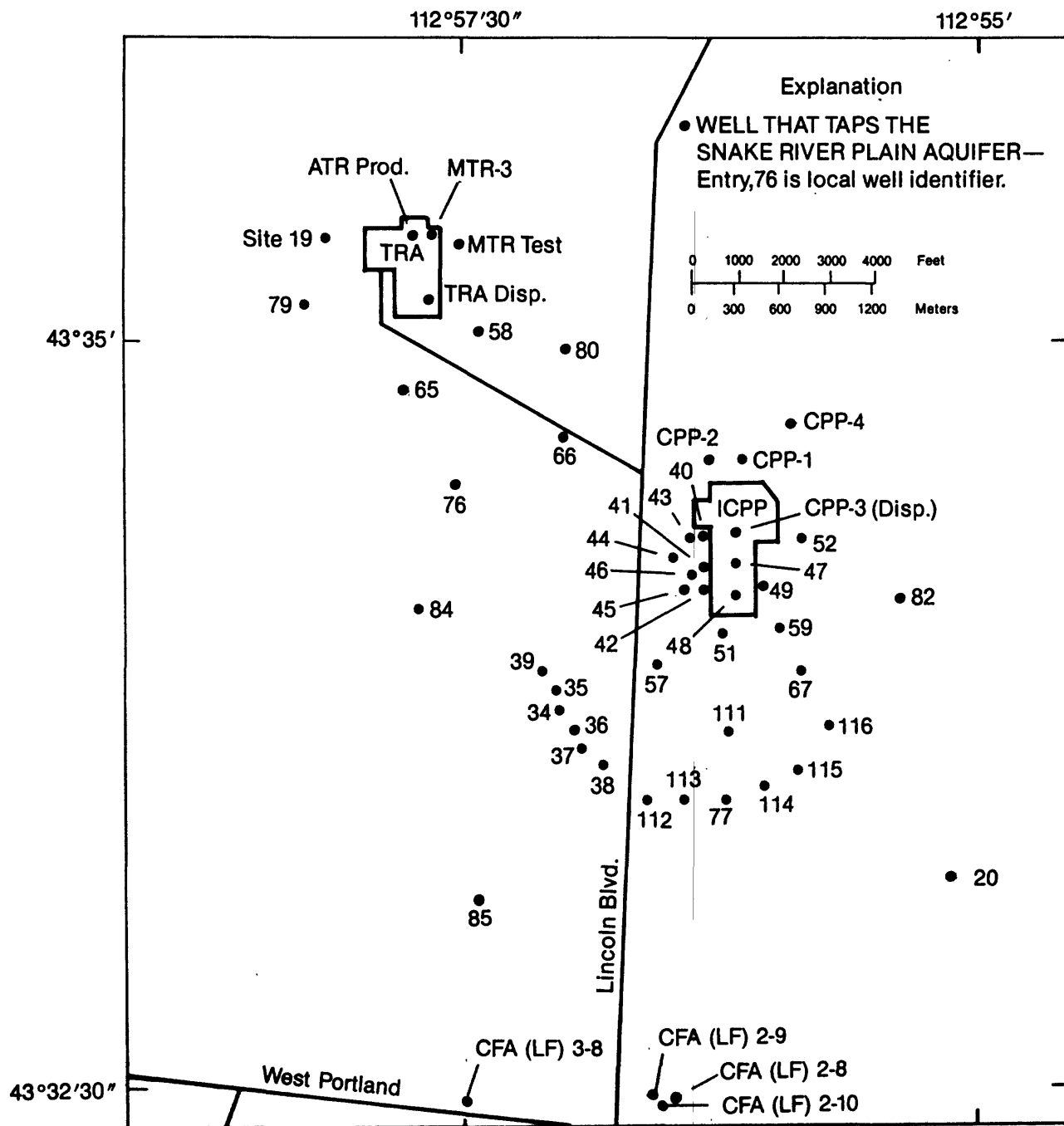


Figure 4.--Locations of wells that tap the Snake River Plain aquifer in the TRA-ICPP area for which digitized logs are available.

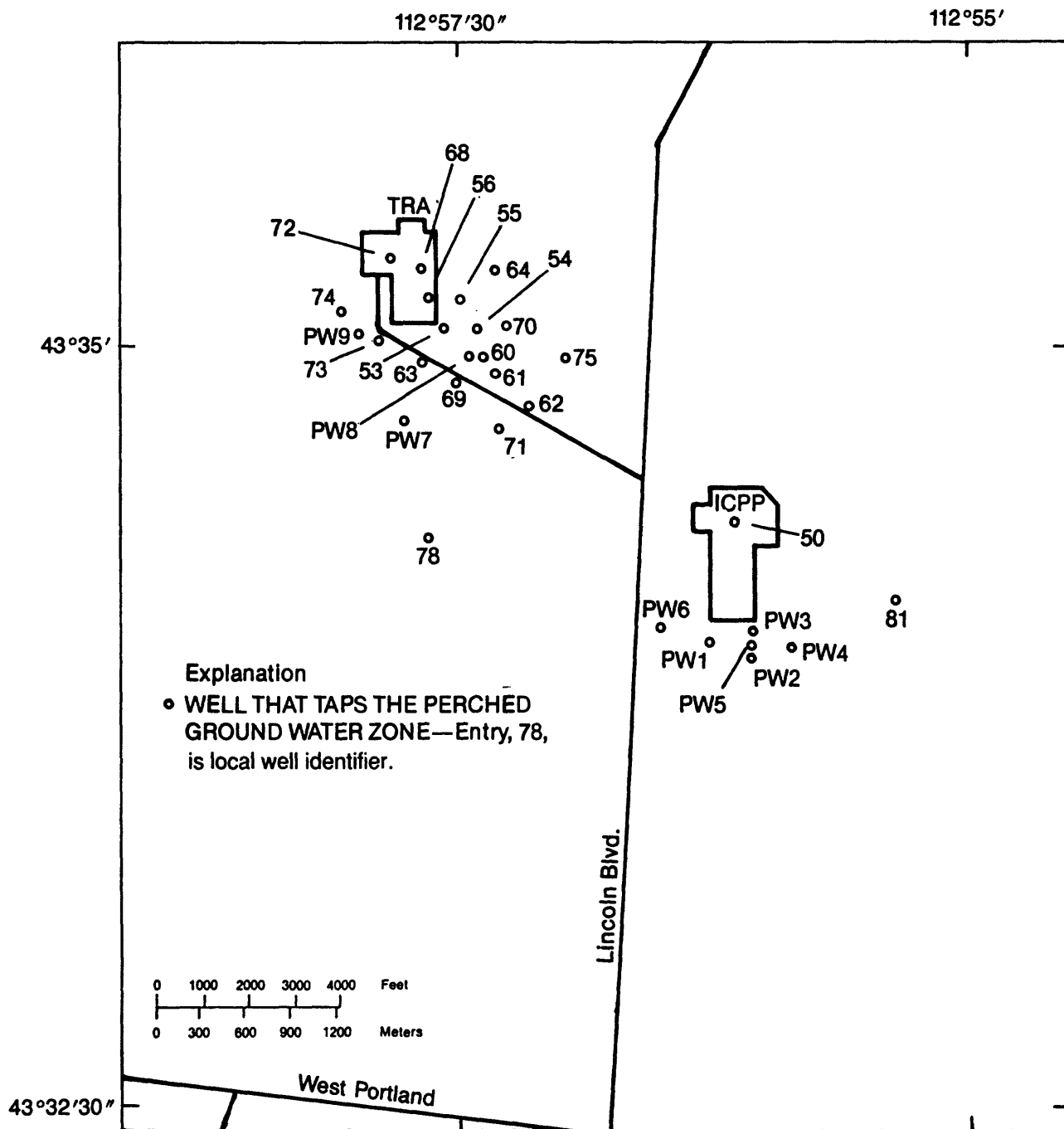


Figure 5.--Locations of wells that tap the perched ground-water zone in the TRA-ICPP area for which digitized logs are available.

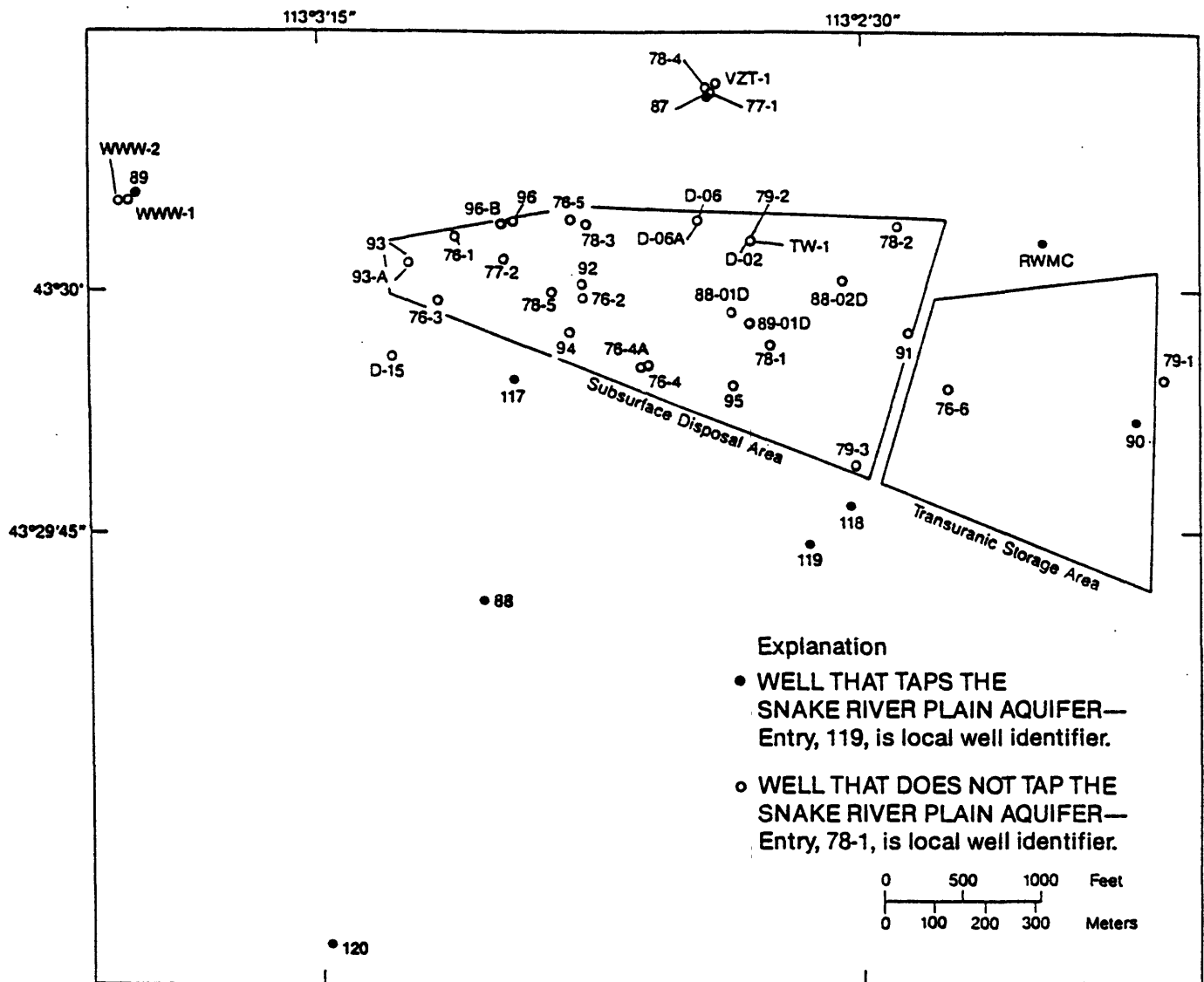


Figure 6.--Locations of wells in the RWMC area for which digitized logs are available.

Table 1.--Types of geophysical logs available and number of each digitized for wells and coreholes

on or near the Idaho National Engineering Laboratory, Idaho

[Symbols: -- indicates no logs available; 3/2, top number indicates the number of logs available, bottom number the number of logs digitized. Well identifier: BFW is Badging Facility well; QAB is Quaking Aspen Butte; WWW is Warren Wood well; RRW is Rifle Range well; CFA-2(NAVY-2) indicates well CFA-2 and NAVY-2 are the same well; NONAME-1-TANE indicates that well NONAME-1 and TAN-Exploration are the same well; WWW-1(VZ6) indicates well WWW-1 and VZ6 are the same well. Other: E is electric log; M is magnetic log; F is flowmeter log; T is tracejector log. Total depth: Total depth logged in feet.]

Well identifier	Total depth	Geophysical log type							
		Neutron	Gamma-gamma	Natural gamma	Caliper	Temperature	Resistivity	Specific conductance	Other
USGS-1	634	--	1/1	4/2	2/2	5/0	5/0	5/0	F,1/0
USGS-2	704	--	1/1	2/2	--	4/0	4/0	4/0	--
USGS-3a	440	--	--	2/1	1/1	--	--	--	--
USGS-4	436	--	1/1	3/3	2/2	6/0	6/0	5/0	E,1/0
USGS-5	498	--	1/1	4/3	1/1	6/0	6/0	6/0	--
USGS-6	587	--	1/1	4/3	1/1	5/0	6/0	5/0	--
USGS-7	903	--	4/3	7/3	1/1	11/0	9/0	9/0	M,1/0
USGS-8	812	--	1/1	4/3	--	9/0	7/0	6/0	--
USGS-9	654	1/1	1/1	4/3	--	8/0	7/0	7/0	--
USGS-11	705	--	1/1	4/3	--	4/0	7/0	5/0	--
USGS-12	564	--	4/3	3/2	--	5/0	5/0	4/0	--
USGS-13	1195	--	1/1	1/1	1/1	2/0	2/0	2/0	--
USGS-14	751	--	1/1	3/2	--	3/0	3/0	2/0	--
USGS-15	610	--	1/1	1/1	1/1	4/0	5/0	5/0	--
USGS-16	739	--	--	2/1	--	4/0	4/0	2/0	--
USGS-17	499	--	1/1	4/3	--	4/0	4/0	2/0	--
USGS-18	329	--	2/2	3/2	--	5/0	5/0	4/0	--
USGS-19	401	--	2/2	2/2	--	4/0	4/0	4/0	--
USGS-20	676	--	4/3	3/3	1/1	8/0	9/0	6/0	F,1/0
USGS-21	399	--	1/1	3/2	--	7/0	8/0	6/0	--
USGS-22	658	--	2/2	4/4	--	5/0	5/0	5/0	--
USGS-23	464	--	1/1	2/2	--	4/0	4/0	4/0	--
USGS-24	323	--	1/1	5/4	--	8/0	7/0	4/0	--
USGS-25	282	--	1/1	3/3	--	4/0	5/0	3/0	F,1/0
USGS-26	265	--	3/2	4/3	--	5/0	5/0	4/0	E,1/0
USGS-27	310	--	1/1	3/3	--	5/0	4/0	4/0	--
USGS-28	325	--	--	4/3	1/1	5/0	3/0	3/0	--
USGS-29	384	--	1/1	3/3	--	5/0	4/0	4/0	--
USGS-30	1003	1/1	3/3	5/5	4/1	5/0	5/0	5/0	T,4/0;E,1/0
USGS-31	430	--	--	1/1	2/1	3/0	3/0	3/0	T,4/2
USGS-32	374	--	2/2	4/4	3/1	4/0	4/0	4/0	--
USGS-33	512	--	5/4	4/3	3/1	3/0	3/0	3/0	--
USGS-34	650	1/1	21/6	17/4	6/1	12/0	8/0	4/0	F,6/0;M,6/0;E,3/0
USGS-35	577	--	5/3	6/4	3/2	1/0	1/0	--	M,9/1
USGS-36	568	--	4/3	5/3	1/1	3/0	4/0	2/0	E,3/0;M,6/1
USGS-37	572	--	4/3	5/3	2/1	4/0	4/0	2/0	E,1/0;M,5/1
USGS-38	714	--	11/3	5/3	4/1	6/0	6/0	2/0	E,2/0;M,6/1
USGS-39	566	--	4/3	5/3	3/2	2/0	2/0	1/0	E,2/0;M,3/0
USGS-40	665	2/2	--	9/3	2/1	8/0	6/0	4/0	--
USGS-41	672	1/1	1/1	3/3	2/1	3/0	3/0	1/0	F,1/0;E,1/0,T,7/0
USGS-42	678	4/3	--	3/2	1/1	2/0	2/0	1/0	F,1/0
USGS-43	589	1/1	--	3/2	2/1	4/0	5/0	3/0	F,6/0;E,2/0
USGS-44	652	1/1	--	2/1	2/1	2/0	1/0	1/0	E,4/0
USGS-45	651	4/3	--	2/1	2/1	2/0	3/0	2/0	E,4/0
USGS-46	651	1/1	--	1/1	1/1	2/0	3/0	1/0	F,4/0;E,1/0
USGS-47	652	3/3	--	8/2	1/1	3/0	2/0	1/0	F,1/0;E,1/0
USGS-48	750	4/3	--	1/1	1/1	3/0	1/0	1/0	F,1/0;E,2/0
USGS-49	640	3/3	--	3/1	3/1	4/0	5/0	2/0	F,1/0;E,2/0
USGS-50	399	2/2	3/2	7/2	2/1	2/0	2/0	1/0	--
USGS-51	651	4/3	--	2/1	1/1	3/0	2/0	1/0	F,1/0
USGS-52	655	1/1	1/1	5/1	4/2	7/0	3/0	3/0	M,1/0
USGS-53	88	--	6/4	11/6	1/1	--	--	--	--
USGS-54	92	--	2/2	16/5	1/1	2/0	2/0	1/0	--

Table 1.--Types of geophysical logs available and number of each digitized for wells and coreholes  
on or near the Idaho National Engineering Laboratory, Idaho--Continued

Well identifier	Total depth	Geophysical log type							
		Neutron	Gamma- gamma	Natural gamma	Caliper	Temper- ature	Resis- tivity	Specific conductance	Other
USGS-55	81	5/5	4/4	8/5	3/2	3/0	3/0	--	--
USGS-56	81	--	1/1	4/1	1/1	2/0	2/0	--	--
USGS-57	722	--	--	2/2	4/4	4/0	2/0	1/0	F,1/0
USGS-58	505	2/2	4/2	8/3	4/2	7/0	5/0	3/0	--
USGS-59	660	4/3	--	4/3	5/3	4/0	2/0	2/0	--
USGS-60	107	--	2/2	5/2	3/2	3/0	3/0	--	--
USGS-61	114	--	1/1	6/2	2/2	2/0	4/0	1/0	--
USGS-62	162	--	2/2	3/2	2/2	1/0	1/0	--	--
USGS-63	98	--	1/1	1/1	1/1	1/0	1/0	--	--
USGS-64	207	1/1	1/1	3/3	3/3	--	--	--	--
USGS-65	498	1/1	7/5	6/6	3/2	3/0	1/0	1/0	--
USGS-66	478	1/1	7/6	4/4	3/3	3/0	1/0	1/0	--
USGS-67	694	2/2	7/3	6/3	6/3	1/0	1/0	1/0	E,1/0
USGS-68	124	--	1/1	1/1	1/1	3/0	1/0	1/0	--
USGS-69	117	--	1/1	1/1	1/1	1/0	3/0	1/0	--
USGS-70	100	--	2/2	2/2	2/2	3/0	1/0	1/0	--
USGS-71	171	1/1	1/1	1/1	2/2	3/0	2/0	1/0	--
USGS-72	200	1/1	1/1	1/1	3/3	--	2/0	--	--
USGS-73	126	--	1/1	1/1	2/2	2/0	1/0	--	--
USGS-74	194	1/1	1/1	3/3	2/2	2/0	2/0	--	--
USGS-75	212	1/1	15/15	5/5	3/2	--	--	--	M,4/3
USGS-76	719	--	8/8	5/5	3/3	5/0	2/0	1/0	M,4/0
USGS-77	593	--	2/2	4/2	3/3	3/0	3/0	2/0	M,3/0
USGS-78	205	--	1/1	1/1	1/1	--	--	--	M,1/0
USGS-79	701	--	3/3	3/3	3/3	3/0	2/0	--	M,2/0
USGS-80	168	--	35/16	16/15	2/2	--	--	--	M,3/0
USGS-81	105	--	10/4	3/2	3/2	--	--	--	M,2/0
USGS-82	702	--	11/4	4/3	5/3	1/0	1/0	1/0	--
USGS-83	749	--	2/2	4/3	2/2	5/0	4/0	3/0	--
USGS-84	506	2/1	2/1	2/1	2/2	1/0	1/0	1/0	--
USGS-85	625	--	2/2	2/2	2/2	3/0	2/0	--	--
USGS-86	676	--	1/1	1/1	1/1	--	--	--	--
USGS-87	673	6/6	6/6	7/6	7/6	3/1	3/1	--	--
USGS-88	662	10/8	9/8	12/10	7/5	3/1	2/1	--	--
USGS-89	640	7/5	3/3	4/4	5/5	4/2	2/1	--	--
USGS-90	605	5/4	2/2	3/3	4/4	3/2	1/0	--	--
USGS-91	255	8/2	4/2	3/2	2/2	--	--	--	--
USGS-92	245	13/9	3/2	4/2	3/2	--	--	--	--
USGS-93	240	2/2	1/1	1/1	1/1	--	--	--	--
USGS-93A	231	1/1	1/1	1/1	1/1	--	--	--	--
USGS-94	301	2/2	2/2	2/2	2/2	--	--	--	--
USGS-95	245	2/2	1/1	1/1	1/1	--	--	--	--
USGS-96	234	1/1	1/1	1/1	1/1	--	--	--	--
USGS-96B	228	1/1	1/1	1/1	1/1	--	--	--	--
USGS-97	502	2/2	2/2	2/2	2/2	1/0	2/0	--	--
USGS-98	490	2/2	3/3	1/1	1/1	1/0	4/0	--	--
USGS-99	441	1/1	2/1	4/4	2/2	1/0	1/0	--	--
USGS-100	742	1/1	1/1	1/1	2/2	1/0	2/0	--	--
USGS-101	853	1/1	1/1	2/2	1/1	1/0	1/0	--	--
USGS-103	750	3/3	3/3	3/3	4/4	2/0	3/1	1/1	--
USGS-104	695	2/2	2/2	2/2	2/2	1/0	2/1	1/1	--
USGS-105	796	1/1	2/2	4/3	2/2	1/0	3/1	2/1	--
USGS-106	756	1/1	1/1	1/1	1/1	1/0	2/1	1/1	--
USGS-107	682	1/1	1/1	3/3	6/6	--	1/1	1/1	--
USGS-108	759	1/1	2/2	4/4	2/2	2/0	2/0	--	--
USGS-109	790	2/2	2/2	2/2	2/1	--	--	--	--
USGS-110	780	2/2	2/2	2/2	2/2	--	--	--	--
USGS-111	595	1/1	1/1	3/3	4/4	--	--	--	--
USGS-112	561	1/1	1/1	2/2	2/2	--	--	--	--
USGS-113	561	1/1	1/1	2/2	3/2	--	--	--	--

Table 1.--Types of geophysical logs available and number of each digitized for wells and coreholes  
on or near the Idaho National Engineering Laboratory, Idaho--Continued

Well identifier	Total depth	Geophysical log type							
		Neutron	Gamma- gamma	Natural gamma	Caliper	Temper- ature	Resis- tivity	Specific conductance	Other
USGS-114	560	1/1	1/1	2/2	4/4	--	--	--	--
USGS-115	578	1/1	1/1	3/3	2/2	--	--	--	--
USGS-116	573	1/1	1/1	2/2	2/2	--	--	--	--
USGS-117	653	3/3	3/3	4/4	3/3	--	--	--	--
USGS-118	561	1/1	1/1	1/1	1/1	--	--	--	--
USGS-119	583	1/1	--	1/1	1/1	--	--	--	--
USGS-120	704	2/2	2/2	2/2	2/2	--	--	--	--
ANL-IWP-M1	51	1/1	1/1	1/1	1/1	--	--	--	--
ANL-IWP-M2	82	1/1	1/1	1/1	1/1	--	--	--	--
ANL-IWP-M3	46	1/1	1/1	1/1	1/1	--	--	--	--
ANL-IWP-M4	67	1/1	1/1	1/1	1/1	--	--	--	--
ANL-IWP-M5	61	1/1	1/1	1/1	1/1	--	--	--	--
ANL-IWP-M6	420	2/2	2/2	4/3	4/3	--	--	--	--
ANP-6	301	--	1/1	4/3	--	4/0	3/0	3/0	--
ANP-7	433	--	2/2	4/3	--	3/0	2/0	2/0	--
ANP-9	318	--	1/1	4/2	--	4/0	4/0	4/0	F,1/0
ARBOR-1	785	--	1/1	2/2	--	6/0	2/0	2/0	F,1/0
AREA-II	876	--	1/1	2/1	--	4/0	4/0	2/0	--
ATR-PROD.	975	--	9/4	5/4	3/3	2/0	--	--	--
BFW	640	1/1	1/1	1/1	2/2	--	--	--	--
BG76-1	228	1/1	1/1	1/1	1/1	--	--	--	--
BG76-2	249	1/1	1/1	1/1	1/1	--	--	--	--
BG76-3	239	1/1	1/1	1/1	1/1	--	--	--	--
BG76-4	190	1/1	1/1	1/1	1/1	--	--	--	--
BG76-4a	247	1/1	1/1	1/1	1/1	--	--	--	--
BG76-5	240	1/1	1/1	1/1	1/1	--	--	--	--
BG76-6	240	1/1	1/1	1/1	1/1	--	--	--	--
BG77-1	449	1/1	1/1	1/1	1/1	--	--	--	--
BG77-2	85	1/1	--	--	--	--	--	--	--
BG-PROD.	680	3/3	3/3	4/1	4/3	2/0	1/0	--	--
CERRO GRANDE	567	--	1/1	3/2	1/1	1/0	1/0	1/0	--
CFA-1	634	--	2/1	1/1	2/2	--	--	--	--
CFA-2(NAVY-2)	675	1/1	2/2	3/2	1/1	2/0	2/0	1/0	F,5/2
CFA-4(DISP)	70	--	3/3	1/1	1/1	--	--	--	--
CFA(LF)2-8	519	--	--	1/1	1/1	--	--	--	--
CFA(LF)2-9	639	1/1	1/1	1/1	1/1	--	1/0	--	--
CFA(LF)2-10	820	2/2	6/6	2/2	3/2	1/0	--	--	--
CFA(LF)3-8	524	1/1	1/1	1/1	1/1	--	--	--	--
COREHOLE-1	1925	1/1	1/1	2/2	1/1	1/0	1/1	1/1	--
COREHOLE-2a	2985	1/1	1/1	3/3	3/3	3/2	2/0	--	--
CPP-1	577	1/1	1/1	--	1/1	--	--	--	--
CPP-2	596	1/1	1/1	1/1	--	--	--	--	--
CPP-3(DISP)	588	2/1	4/1	7/3	12/4	2/0	2/0	--	F,9/0
CPP-4	690	1/1	1/1	2/1	5/2	--	--	--	--
D-15	252	1/1	1/1	1/1	1/1	--	--	--	--
DH-1B	398	1/1	1/1	1/1	1/1	--	--	--	--
DH-2A	426	1/1	1/1	1/1	--	--	--	--	--
DH-3	203	1/1	1/1	1/1	--	--	--	--	--
DO-2	233	2/2	2/2	2/2	2/2	--	--	--	--
DO-6	125	1/1	1/1	1/1	1/1	--	--	--	--
DO-6A	47	1/1	1/1	1/1	--	--	--	--	--
EBR-I	1036	1/1	1/1	2/2	1/1	--	--	--	--
EOCR	1237	--	--	1/1	1/1	--	--	--	--
EOCR-DISP.	285	--	--	6/3	3/2	--	--	--	--
FET-DISP.	276	--	--	1/1	--	--	--	--	--
GIN-1	372	--	3/2	2/1	2/1	3/0	3/0	1/0	--
GIN-2	403	--	3/2	4/3	3/2	2/0	2/0	--	--
GIN-3	388	--	4/2	3/2	2/2	1/0	1/0	1/0	--
GIN-4	306	--	2/2	1/1	1/1	1/0	1/0	1/0	--
GIN-5	433	--	3/2	2/2	2/2	1/0	1/0	--	--

Table 1.--Types of geophysical logs available and number of each digitized for wells and coreholes  
on or near the Idaho National Engineering Laboratory, Idaho--Continued

Well identifier	Total depth	Geophysical log type							
		Neutron	Gamma- gamma	Natural gamma	Caliper	Temper- ature	Resis- tivity	Specific conductance	Other
GIN-6	201	--	1/1	1/1	--	--	--	--	--
GIN-7	151	--	1/1	1/1	1/1	--	--	--	--
GIN-8	203	--	2/2	1/1	2/2	--	--	--	--
GIN-9	204	--	1/1	1/1	1/1	--	--	--	--
GIN-10	161	--	1/1	1/1	1/1	--	--	--	--
GIN-11	163	--	1/1	1/1	2/2	--	--	--	--
GIN-12	140	--	1/1	1/1	2/1	--	--	--	--
GIN-13	142	--	1/1	1/1	2/1	--	--	--	--
GIN-14	75	--	1/1	1/1	1/1	--	--	--	--
GIN-15	74	--	2/2	1/1	1/1	--	--	--	--
GIN-16	75	--	1/1	1/1	2/2	--	--	--	--
GIN-17	76	--	2/2	2/2	1/1	--	--	--	--
GIN-18	198	--	1/1	1/1	1/1	--	--	--	--
GIN-19	199	--	1/1	1/1	1/1	--	--	--	--
GIN-20	198	--	1/1	1/1	1/1	--	--	--	--
HIGHWAY-1	1280	--	4/3	4/4	3/3	--	--	--	M, 1/0
HIGHWAY-2	788	--	3/3	4/3	--	1/0	1/0	1/0	--
HIGHWAY-3	754	--	1/1	1/1	1/1	1/1	--	--	--
IET-DISP.	250	--	--	1/1	--	--	--	--	--
INEL-1	10240	--	--	7/3	6/3	11/2	4/0	--	--
INEL-1(Ws)	698	3/3	1/1	6/3	1/1	--	--	--	--
LPTF(Disp)	317	--	--	1/1	--	--	--	--	--
Leo Rogers	717	--	3/3	2/2	2/2	1/0	1/0	--	--
M-ETR-Disp	1235	--	20/4	12/3	13/4	4/0	2/0	--	F, 1/0
MTR-1(TEST)	589	1/1	1/1	5/5	--	7/0	4/0	1/0	--
MTR-3	598	--	1/1	1/1	1/1	--	--	--	--
NA89-1	237	2/2	1/1	1/1	--	--	--	--	--
NA89-2	234	1/1	1/1	1/1	--	--	--	--	--
NONAME-1-TANE	549	--	2/2	3/3	3/2	1/0	--	--	--
NPR-TEST	600	1/1	1/1	1/1	1/1	--	--	--	--
PBF(CW)	222	--	1/1	1/1	2/2	--	--	--	--
PBF(WW)	224	--	2/2	2/2	2/2	--	--	--	--
PSTF	314	--	1/1	2/2	--	4/0	4/0	2/0	--
PW-1	115	1/1	1/1	1/1	--	--	--	--	--
PW-2	129	2/2	2/2	2/2	--	--	--	--	--
PW-3	122	2/2	1/1	1/1	--	--	--	--	--
PW-4	142	2/2	1/1	1/1	--	--	--	--	--
PW-5	122	2/2	1/1	1/1	--	--	--	--	--
PW-6	124	3/3	2/2	1/1	--	--	--	--	--
PW-7	232	2/2	2/2	1/1	--	--	--	--	--
PW-8	164	2/2	1/1	1/1	--	--	--	--	--
PW-9	196	2/2	2/2	1/1	--	--	--	--	--
P&W-1	432	--	3/3	3/3	--	2/0	2/0	2/0	--
P&W-2	383	--	1/1	3/3	--	2/0	2/0	2/0	--
P&W-3	407	--	1/1	3/3	--	2/0	2/0	1/0	--
QAB	1102	--	1/1	1/1	1/1	--	--	--	--
RRW	623	1/1	1/1	2/2	2/2	--	--	--	--
RWMC78-1	78	1/1	--	1/1	--	--	--	--	--
RWMC78-2	234	1/1	1/1	1/1	1/1	--	--	--	--
RWMC78-3	166	1/1	1/1	1/1	1/1	--	--	--	--
RWMC78-4	343	1/1	1/1	1/1	1/1	--	--	--	--
RWMC78-5	227	1/1	1/1	1/1	1/1	--	--	--	--
RWMC79-1	239	1/1	1/1	1/1	1/1	--	--	--	--
RWMC79-2	218	3/3	1/1	1/1	1/1	--	--	--	--
RWMC79-3	255	1/1	1/1	1/1	1/1	--	--	--	--
RWMC88-1D	232	2/2	2/2	2/2	2/2	--	--	--	--
RWMC88-02D	220	2/2	2/2	2/2	2/2	--	--	--	--
RWMC89-01D	242	2/2	2/2	2/2	2/2	--	--	--	--
S5G-TEST	1325	--	17/5	17/3	17/6	5/0	3/0	--	--
S5G-2	599	--	3/3	3/3	2/2	--	--	--	--



Table 1.--Types of geophysical logs available and number of each digitized for wells and coreholes on or near the Idaho National Engineering Laboratory, Idaho--Continued

Well identifier	Total depth	Geophysical log type							
		Neutron	Gamma-gamma	Natural gamma	Caliper	Temperature	Resistivity	Specific conductance	Other
SITE-4	489	--	--	2/2	--	3/0	3/0	3/0	--
SITE-6	523	--	1/1	2/2	--	5/1	3/1	3/1	--
SITE-9	1061	--	3/3	4/3	1/1	2/0	4/0	2/0	--
SITE-14	717	--	10/4	4/3	1/1	8/0	5/0	4/0	--
SITE-16	758	1/1	1/1	2/2	--	1/0	1/0	1/0	--
SITE-17	585	--	2/2	3/2	2/2	6/0	1/0	1/0	E,2/0
SITE-19	865	--	3/3	9/3	2/1	5/0	4/0	3/0	E,1/0
Sdd-1	253	--	--	2/2	--	--	--	--	--
Sdd-2	322	--	5/3	3/3	2/2	--	--	--	--
Sdd-3	249	--	6/3	2/2	1/1	--	--	--	--
SPERT-IV	1202	--	--	2/2	2/2	2/0	--	--	--
STFA	680	--	1/1	5/3	--	3/0	4/0	3/0	--
TAN-dd1	325	--	2/2	3/3	2/1	2/0	2/0	--	--
TAN-dd2	260	--	2/2	3/3	2/2	1/0	1/0	--	--
TAN-dd3	301	--	1/1	2/2	1/1	1/0	1/0	--	--
TW-1	233	1/1	1/1	1/1	2/2	--	--	--	--
VZT-1	134	1/1	1/1	1/1	1/1	--	--	--	--
WWW-1(VZ6)	257	1/1	1/1	3/3	2/2	--	--	--	--
WWW-2	121	--	--	1/1	--	--	--	--	--

Some wells have more than one local name. For this report, wells are identified by the name listed on the geophysical log file folder; any other names for a well are given in the remarks section of the geophysical logs.

#### Digitized Log File Names

Each digitized geophysical log was given a file name. The file name identifies the well and the type of log. Because many of the local well identifiers were longer than eight digits, abbreviated well identifiers often were used. For example, in the file name GS9\_NA, "GS9" is an abbreviation for well USGS-9, "\_" separates the well name from the log type, "N" indicates a neutron log, and "A" indicates the earliest (based on the date the log was run) neutron log run. Other log identifiers include "G" for gamma, "C" for caliper, "GG" for gamma-gamma, "D" for density, "T" for temperature, "R" for fluid resistivity, "F" for flowmeter, "M" for magnetic, and "SP" for specific conductance. Some neutron and gamma-gamma (density) logs were digitized in two parts because of changes in scale factors. A designation of 1 or 2 after the letter, such as GS115NA1, was used to differentiate those logs.

File names for individual logs, scale factor, and date run (in parentheses) appear above the logs presented in the geophysical logs section at the end of this report. If scale factor and/or date are unknown, a question mark is shown.

## DIGITIZING PROCEDURES

The X-Y coordinates of high and low points along the geophysical log trace were digitized using a LASICO\*-series 1280 digitizer. Coordinates for the X axis represent depth of the well logged. Coordinates for the Y axis represent the magnitude of the log trace. For caliper logs, coordinates for the Y axis represent the number of inches recorded on the chart paper.

After each log was digitized, the unprocessed data were edited using a BASIC program written by C.M. Bennett (formerly of the U.S. Geological Survey, 1989). To allow the user to prepare logs for plotting, the ASCII files were converted from BASIC language to the file format of the program LOGINT using the utility program BASTOC. LOGINT and BASTOC are part of the software package LOGIT (Daniels, 1988). Finally, the edited data were stored on a floppy disk.

## DIGITIZED DATA

The types of geophysical logs at the INEL project office and the number of each type that was digitized are listed in table 1. This list does not include digitized logs from shallow (less than 100 ft) auger holes at several sites on the INEL and does not include any wells logged since July 1989. Well locations are shown on figures 2-6. Each well in the geophysical logs section at the end of this report is located by township and range, latitude and longitude, site identifier, and county. In addition, altitude

\*Use of brand names in this report is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey.

and completed depth of well, total depth of hole, and total depth logged are given. Wells for which site identifier, completed depth, and depth of hole were not available are marked with a double dash (--). Depths are in feet below land surface, except for some total depths logged, which are in feet below the top of the well casing. The altitudes presented were either surveyed or estimated from topographic maps. The disk number where digitized files can be found, and selected neutron, gamma-gamma (density), gamma, and caliper logs are shown for each well. A definition and description of these four log types can be found in Goldstein and Weight (1982, p. 6-10).

#### SUMMARY

The U.S. Geological Survey, in cooperation with the U.S. Department of Energy, digitized geophysical logs from wells logged prior to August 1989, to make the data more accessible and usable in hydrologic investigations. Geophysical logs were digitized using a LASICO-series 1280 digitizer and processed for graphical plots using BASIC computer programs and LOGIT software programs. All data were stored on 5 $\frac{1}{4}$ -in. floppy disks.

The types of geophysical logs available and number of each digitized are listed for wells on or near the INEL. Data sheets with information on the wells are presented along with selected neutron, gamma-gamma, gamma, and caliper logs.

#### REFERENCES CITED

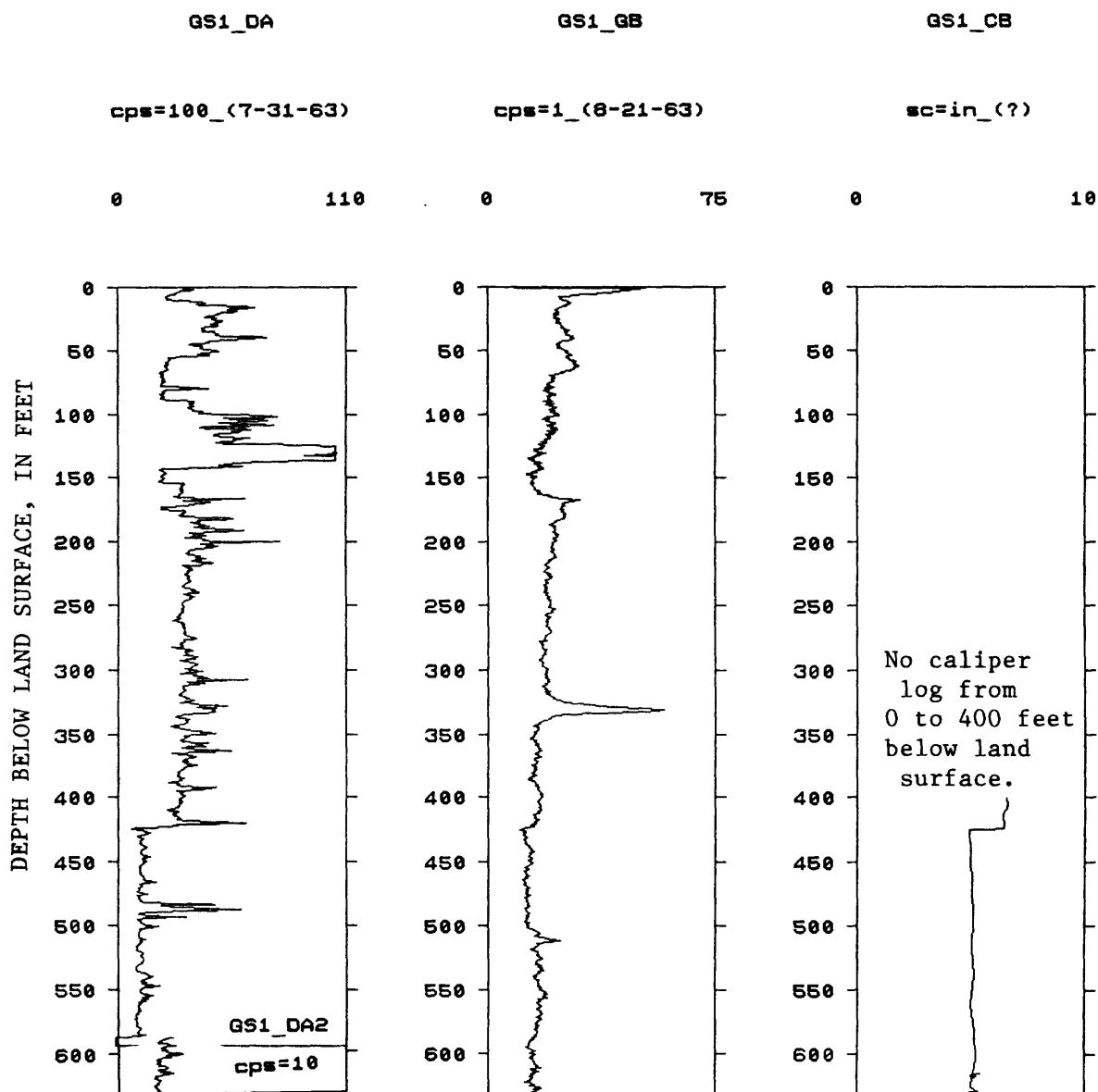
- Barracough, J.T., Teasdale, W.E., Robertson, J.B., and Jensen, R.G., 1966, Hydrology of the National Reactor Testing Station, Idaho: U.S. Geological Survey Open-File Report (IDO-22049), 95 p.
- Daniels, J.F., 1988, LOGIT, A software package for geophysical and lithologic well logs: Westerville, OH, SoftEarth Associates, Inc., 59 p.
- Goldstein, F.J., and Weight, W.D., 1982, Subsurface information from eight wells drilled at the Idaho National Engineering Laboratory, southeastern Idaho: U.S. Geological Survey Open-File Report 82-644 (IDO-22063), 29 p.

## GEOPHYSICAL LOGS

Abbreviations for scale factors used for geophysical logs

<u>Abbreviation</u>	<u>Meaning</u>
sc	scale
cps	counts per second
cr	count rate
in	inches
sens.	sensitivity
10K, 5K, 2.5K, 1K	$K = 1000 \times \text{number in cps}$
tcs	time constant in seconds
tc	time constant
api	American Petroleum Institute

Well identifier:	USGS-1	Altitude:	5024 ft
Well location:	02N-31E-35dcc1	Depth of well:	636 ft
Latitude and longitude:	432700 1124708	Depth of hole:	636 ft
Site identifier:	432700112470801	Total depth logged:	634 ft
County:	Bingham		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 7,10. Digitized and processed logs are on disks 8,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.		



Well identifier:	USGS-2	Altitude:	5126 ft
Well location:	03N-32E-29ddc1	Depth of well:	704 ft
Latitude and longitude:	433320 1124322	Depth of hole:	704 ft
Site identifier:	433320112432301	Total depth logged:	704 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 7,10. Digitized and processed logs are on disks 8,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.

GS2\_DA

GS2\_GA

cps=100\_(7-19-63)

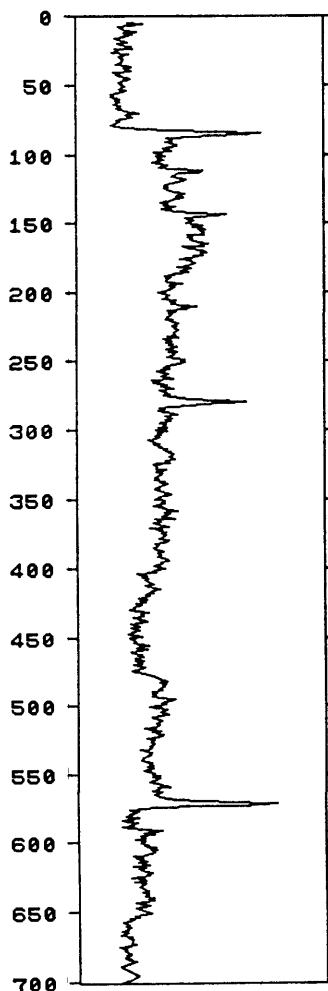
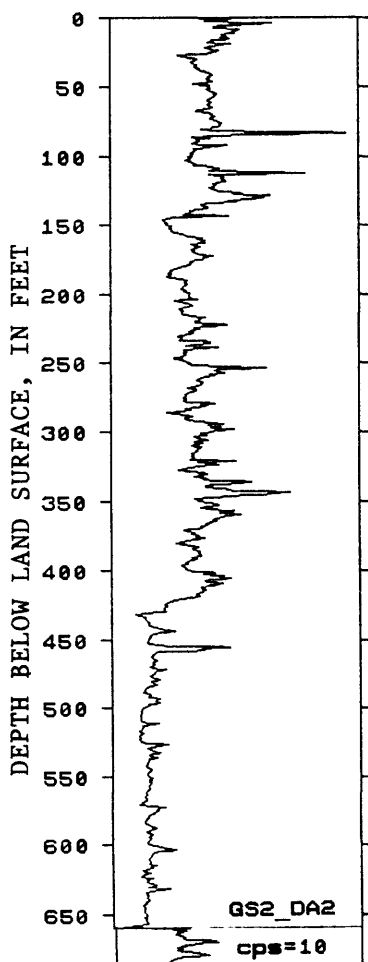
sc=.0025\_(3-31-61)

0

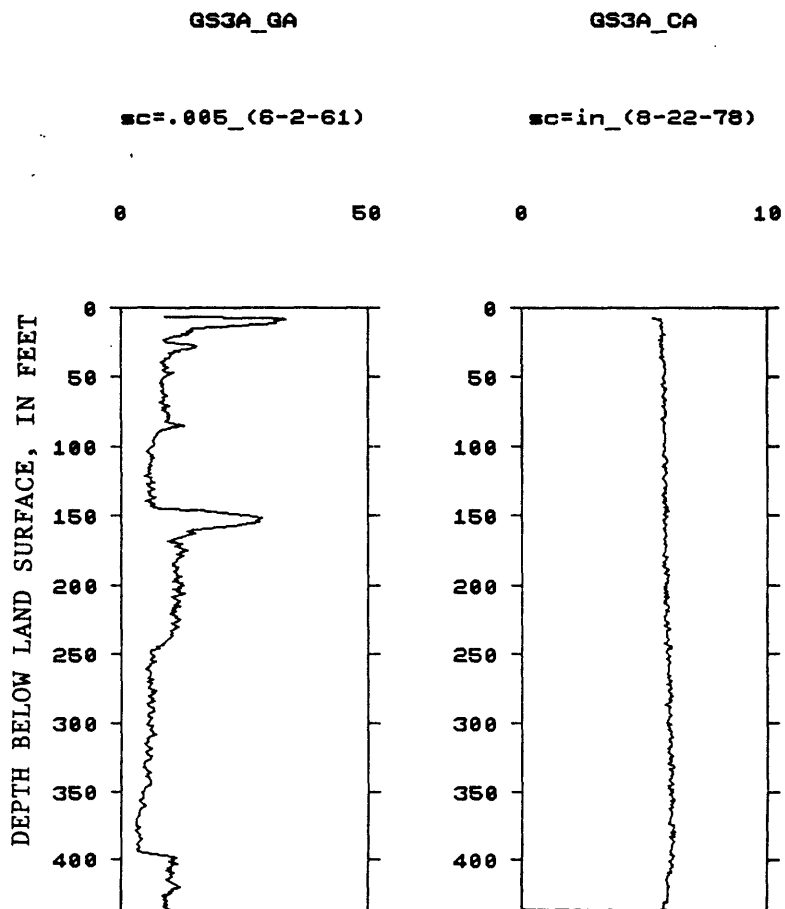
100

0

50



Well identifier:	USGS-3A	Altitude:	5185 ft
Well location:	03N-33E-03aba1	Depth of well:	--
Latitude and longitude:	433732 1123354	Depth of hole:	--
Site identifier:	433732112335401	Total depth logged:	440 ft
County:	Bingham		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 8. Well destroyed.		



Well identifier:	USGS-4	Altitude:	4791 ft
Well location:	05N-34E-09bda1	Depth of well:	553 ft
Latitude and longitude:	434656 1122821	Depth of hole:	553 ft
Site identifier:	434657112282201	Total depth logged:	436 ft
County:	Jefferson		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 8. Well deepened to 553 ft on 12-9-52. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.

GS4\_DA1

GS4\_GC

GS4\_CA

cps=100\_(9-16-63)

cps=1\_(9-16-63)

sc=in\_(3-28-61)

0

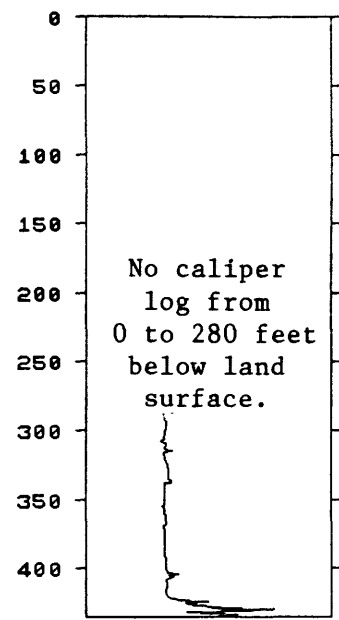
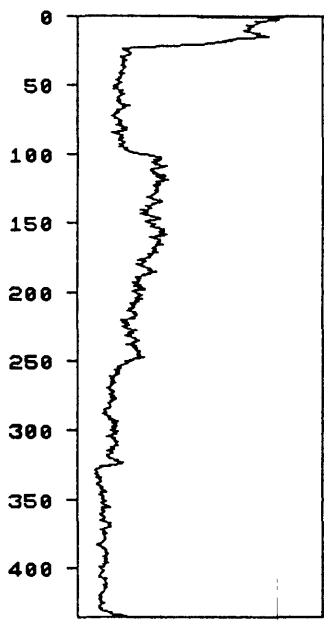
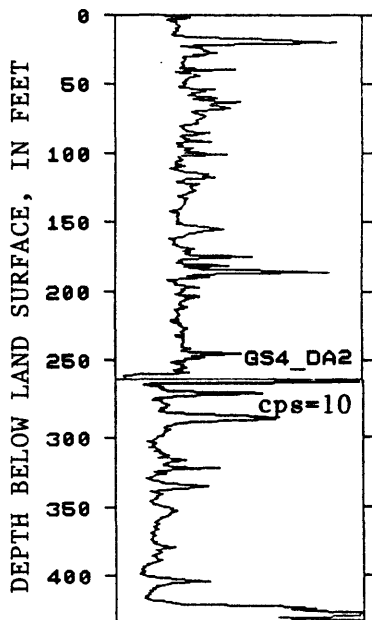
105

0

100

0

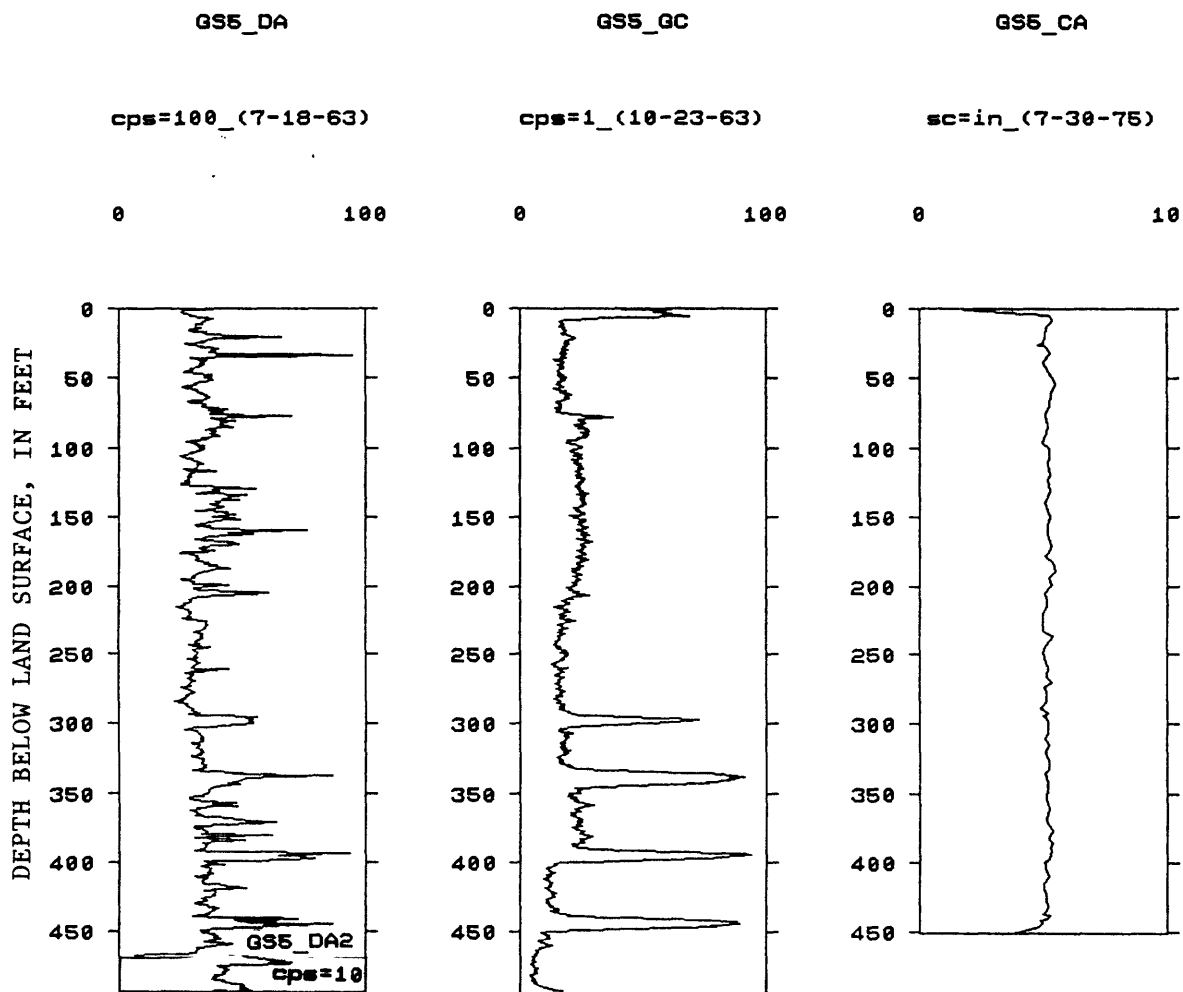
20





Well identifier:	USGS-5	Altitude:	4938 ft
Well location:	03N-30E-12cdd1	Depth of well:	494 ft
Latitude and longitude:	433543 1124938	Depth of hole:	500 ft
Site identifier:	433543112493801	Total depth logged:	498 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 6,10. Digitized and processed logs are on disks 8,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.



Well identifier:	USGS-6	Altitude:	4900 ft
Well location:	04N-31E-16adc1	Depth of well:	620 ft
Latitude and longitude:	434031 1124535	Depth of hole:	620 ft
Site identifier:	434031112453701	Total depth logged:	587 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 8. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.

GS6\_DA1

GS6\_GC

GS6\_CA

cps=100\_(7-18-63)

cps=1\_(7-18-63)

sc=in\_(12-21-60)

0

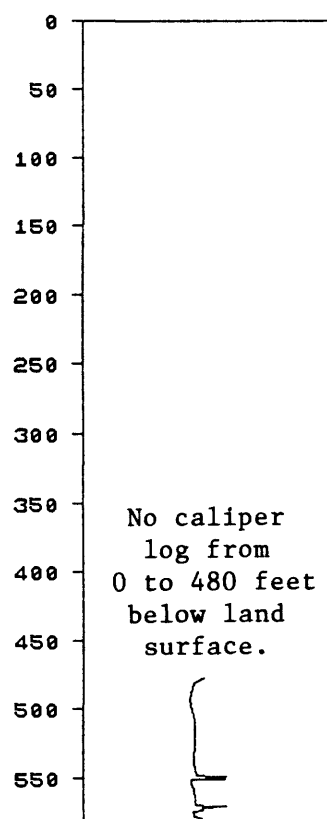
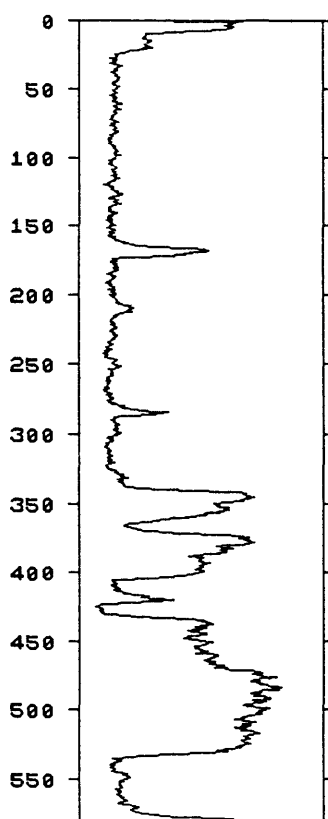
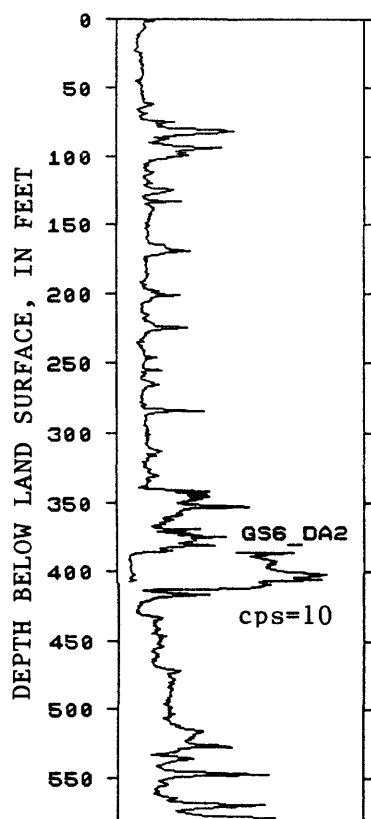
100

0

100

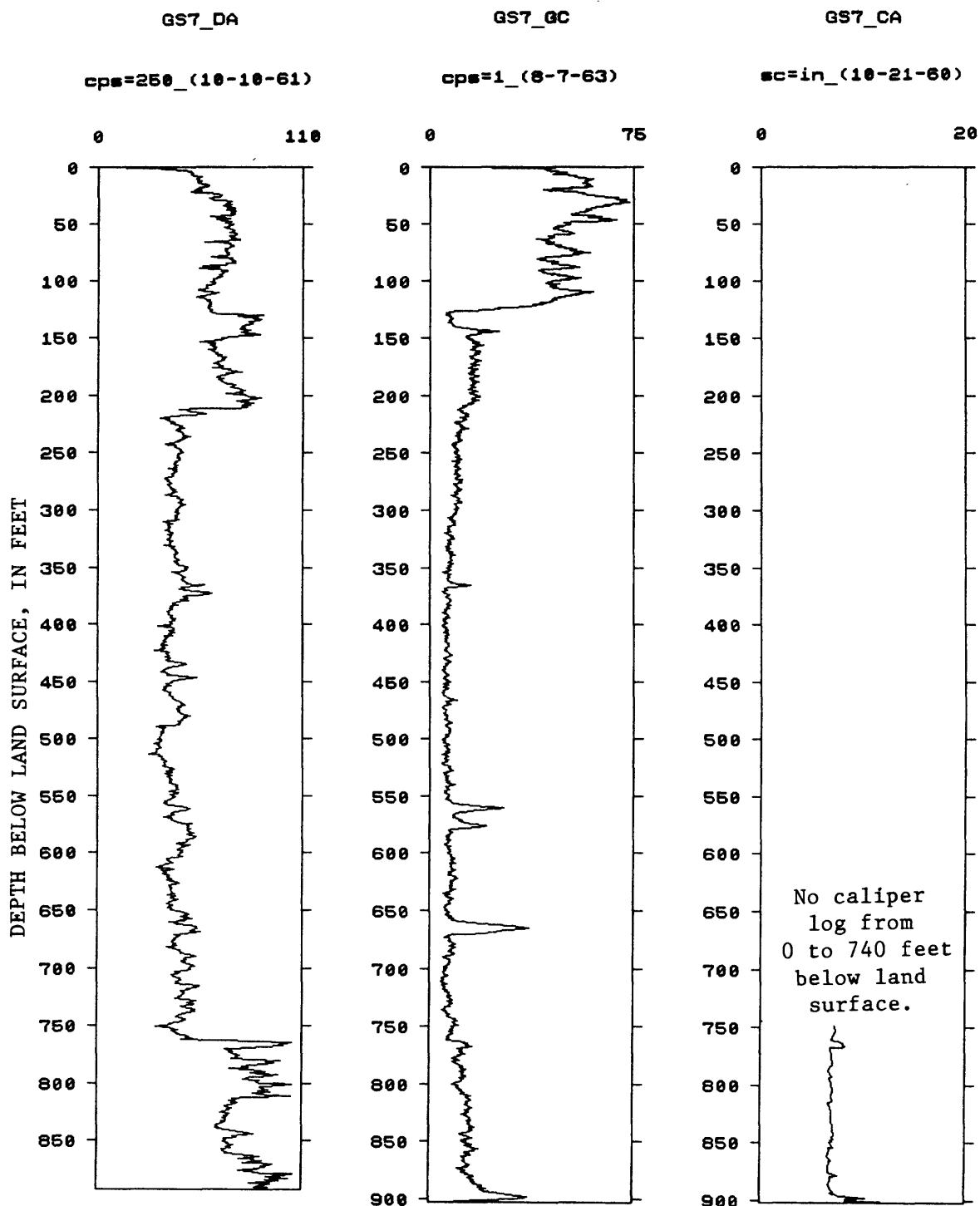
0

10



Well identifier:	USGS-7	Altitude:	4/90 ft
Well location:	06N-31E-27bdd1	Depth of well:	1200 ft
Latitude and longitude:	434915 1124439	Depth of hole:	1200 ft
Site identifier:	434915112443901	Total depth logged:	903 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 8.



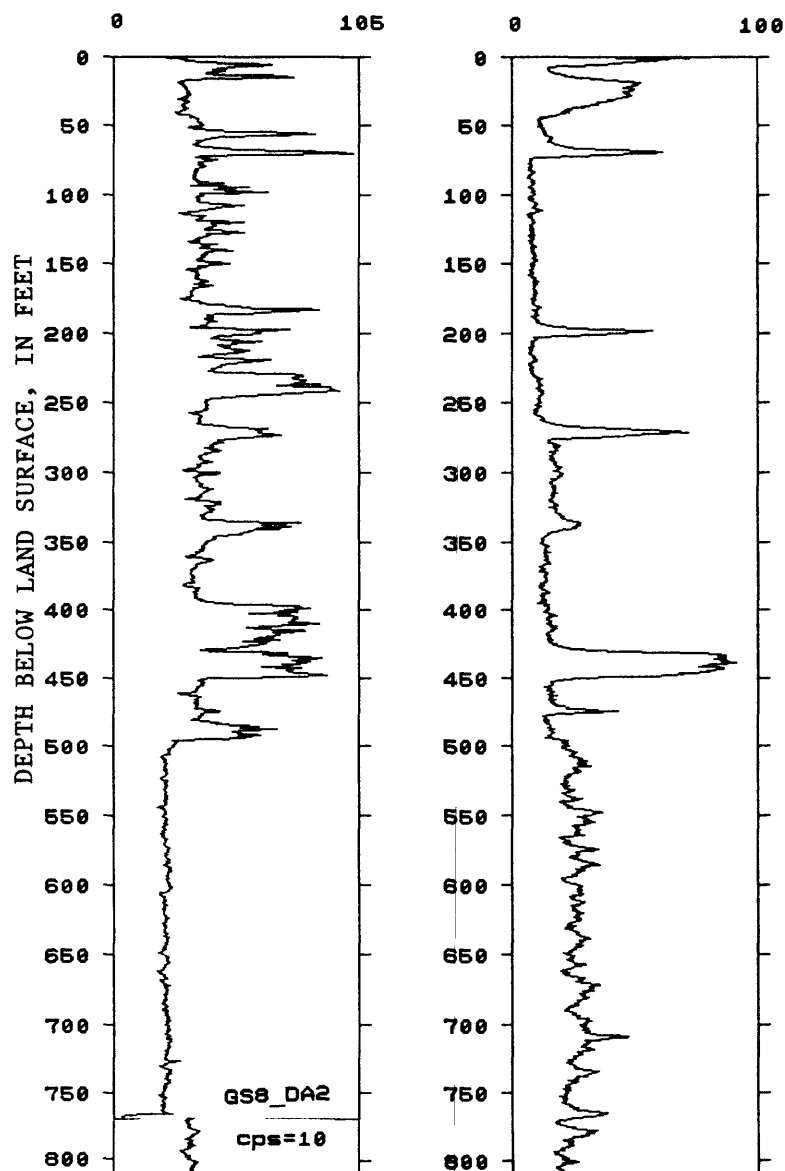
Well identifier:	USGS-8	Altitude:	5195 ft
Well location:	02N-27E-02ddc1	Depth of well:	812 ft
Latitude and longitude:	433121 1131157	Depth of hole:	812 ft
Site identifier:	433121113115801	Total depth logged:	812 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 6,10. Digitized and processed logs are on disks 7,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.		

GS8\_DA

GS8\_GC

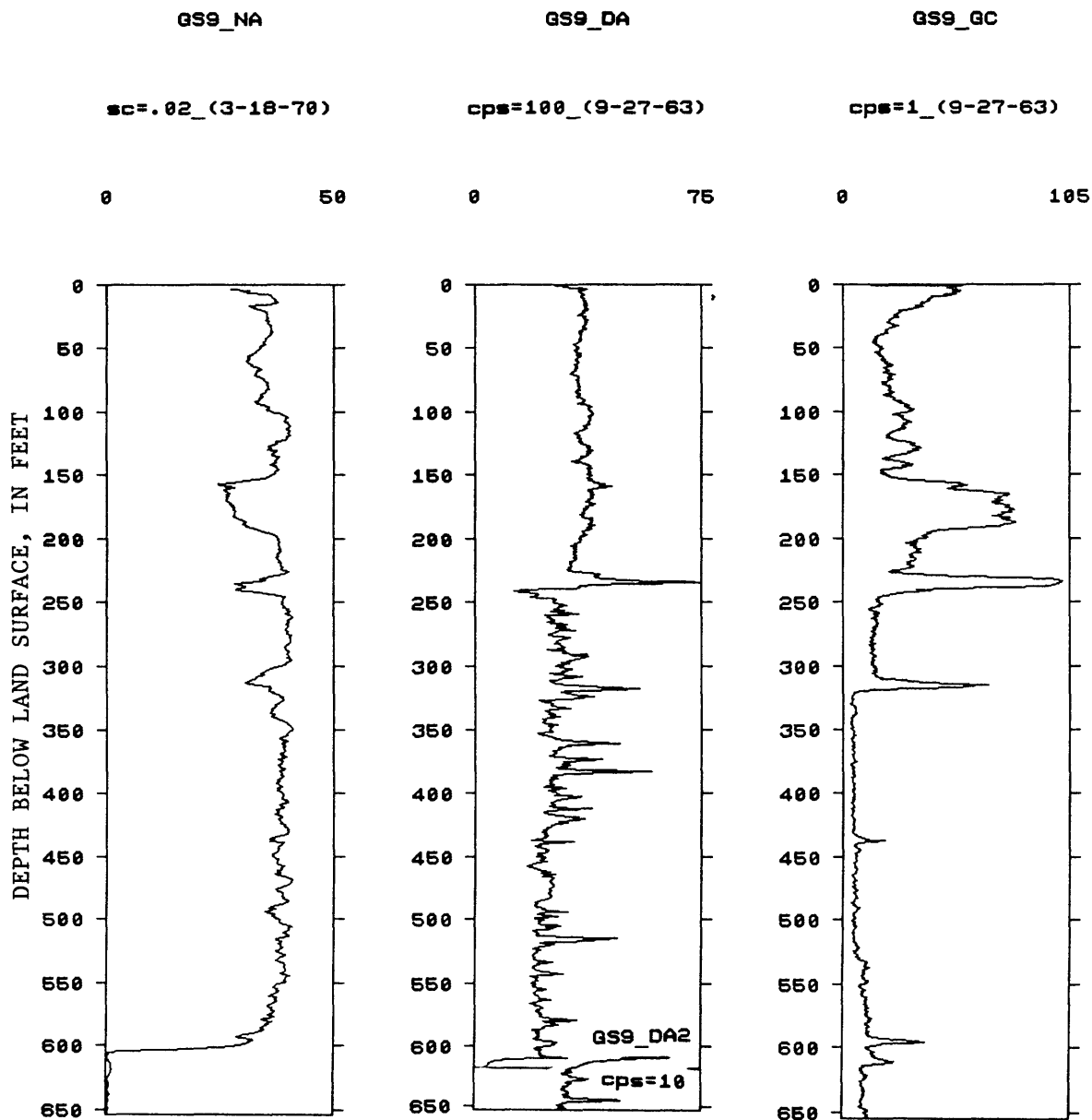
cps=100\_(9-26-63)

cps=1\_(9-26-63)

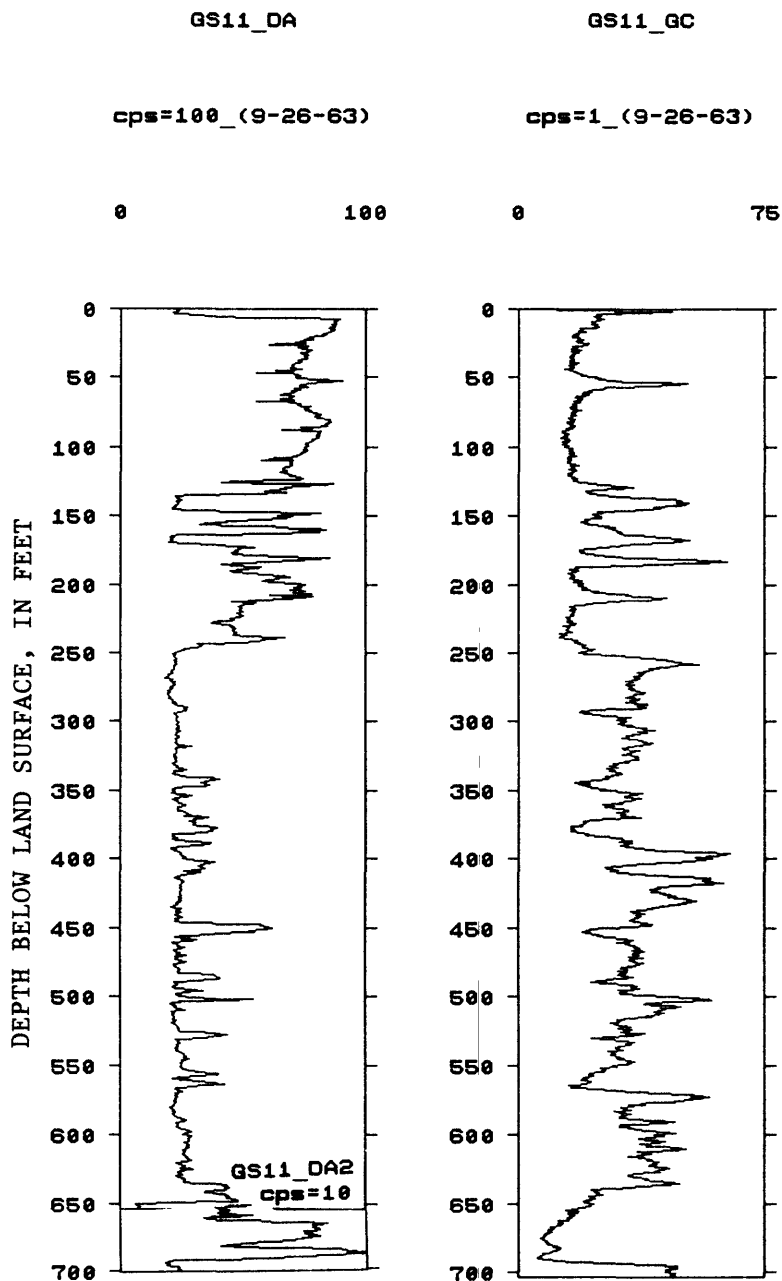


Well identifier:	USGS-9	Altitude:	5032 ft
Well location:	02N-28E-35aac1	Depth of well:	632 ft
Latitude and longitude:	432740 1130445	Depth of hole:	654 ft
Site identifier:	432740113044501	Total depth logged:	654 ft
County:	Butte		

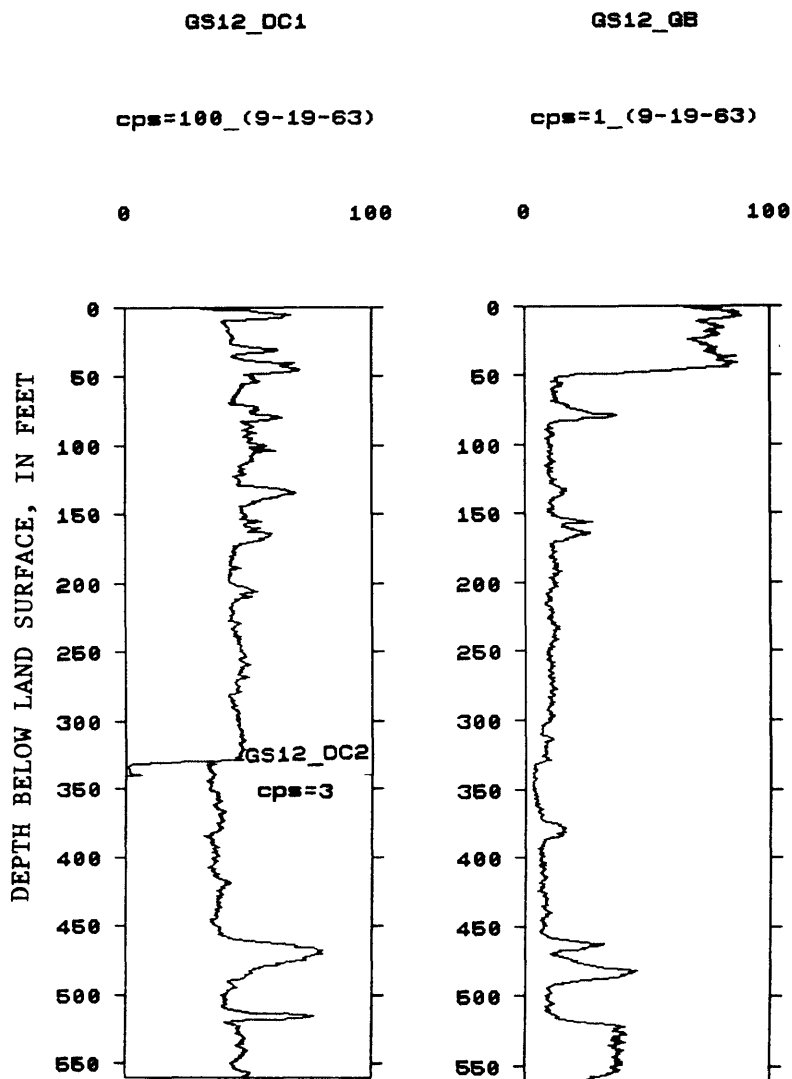
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 6,10. Digitized and processed logs are on disks 7,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.



Well identifier:	USGS-11	Altitude:	5067 ft
Well location:	01N-29E-30bbd1	Depth of well:	704 ft
Latitude and longitude:	432336 1130642	Depth of hole:	704 ft
Site identifier:	432336113064201	Total depth logged:	704 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 6,10. Digitized and processed logs are on disks 7,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.		

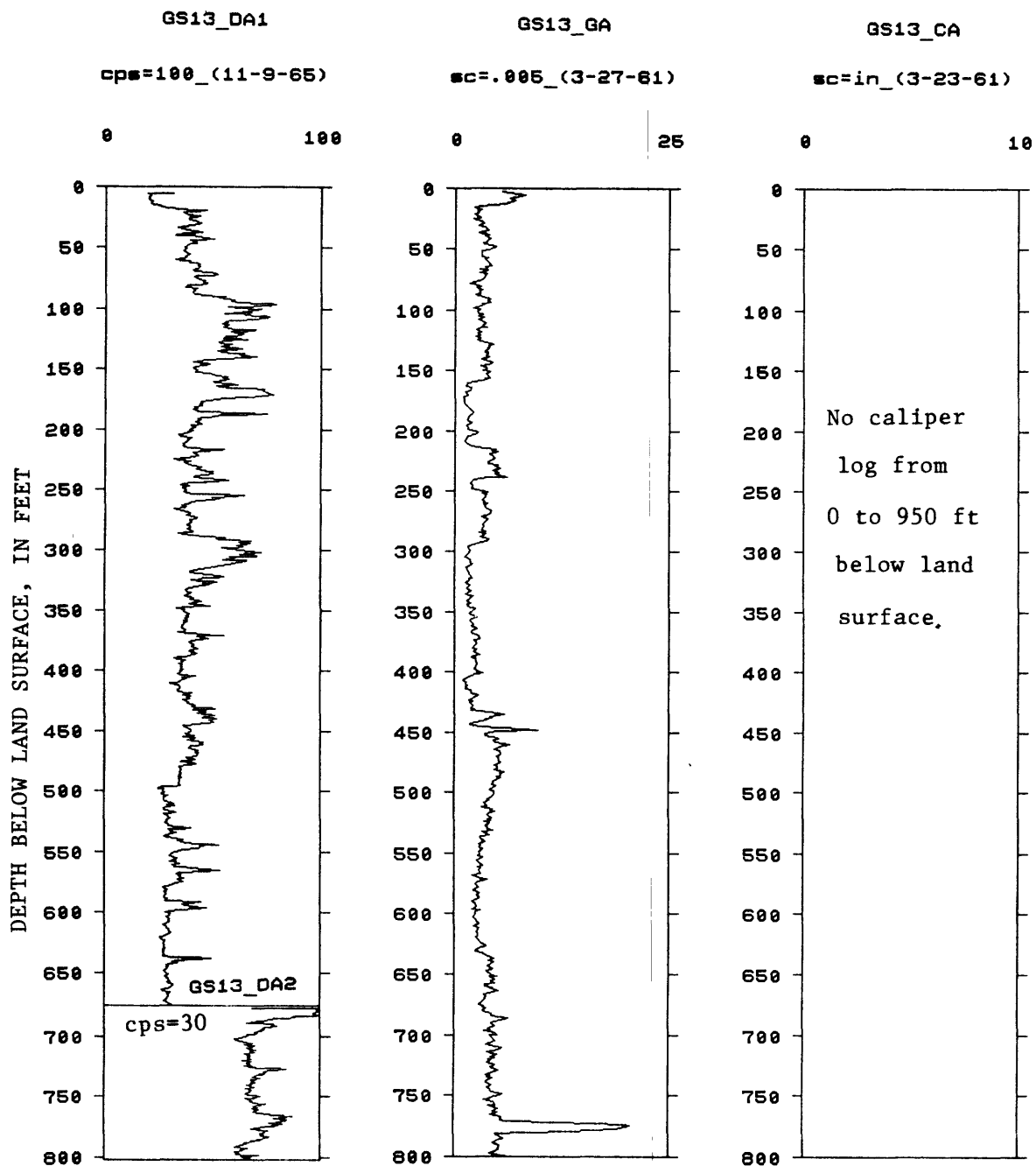


Well identifier:	USGS-12	Altitude:	4820 ft
Well location:	04N-30E-07adb1	Depth of well:	563 ft
Latitude and longitude:	434126 1125507	Depth of hole:	692 ft
Site identifier:	434126112550701	Total depth logged:	564 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 7. Density log shown was digitized at 2 different scales--cps=100,3. Line break indicates base of upper logged interval.		



Well identifier:	USGS-13	Altitude:	5375 ft
Well location:	02N-27E-33acc2	Depth of well:	1200 ft
Latitude and longitude:	432731 1131439	Depth of hole:	1200 ft
Site identifier:	432731113143902	Total depth logged:	1195 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 7. Density log shown was digitized at 4 different scales--cps=100,30,100,10. Line breaks indicate base of upper logged intervals. Digitized logs continued on next page.





GS13\_DA3 --Continued

GS13\_GA --Continued

GS13\_CA --Continued

cps=100\_(11-9-65)

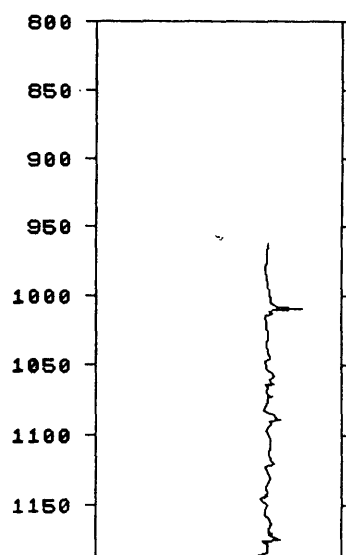
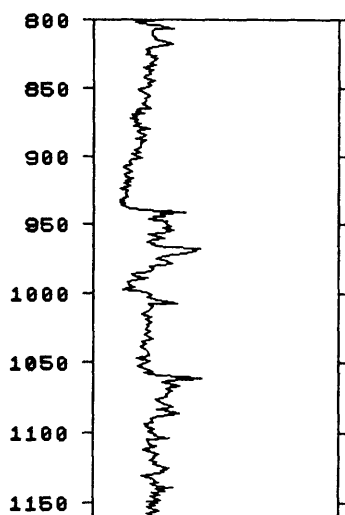
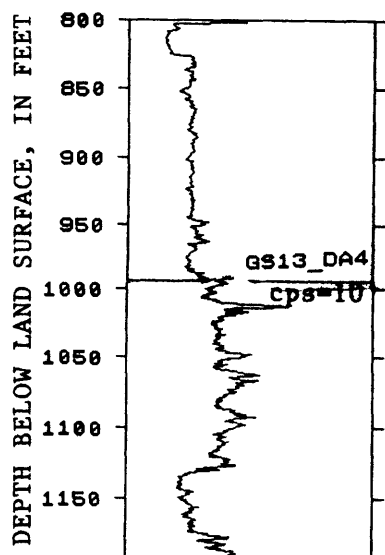
sc=.005\_(3-27-61)

sc=in\_(3-23-61)

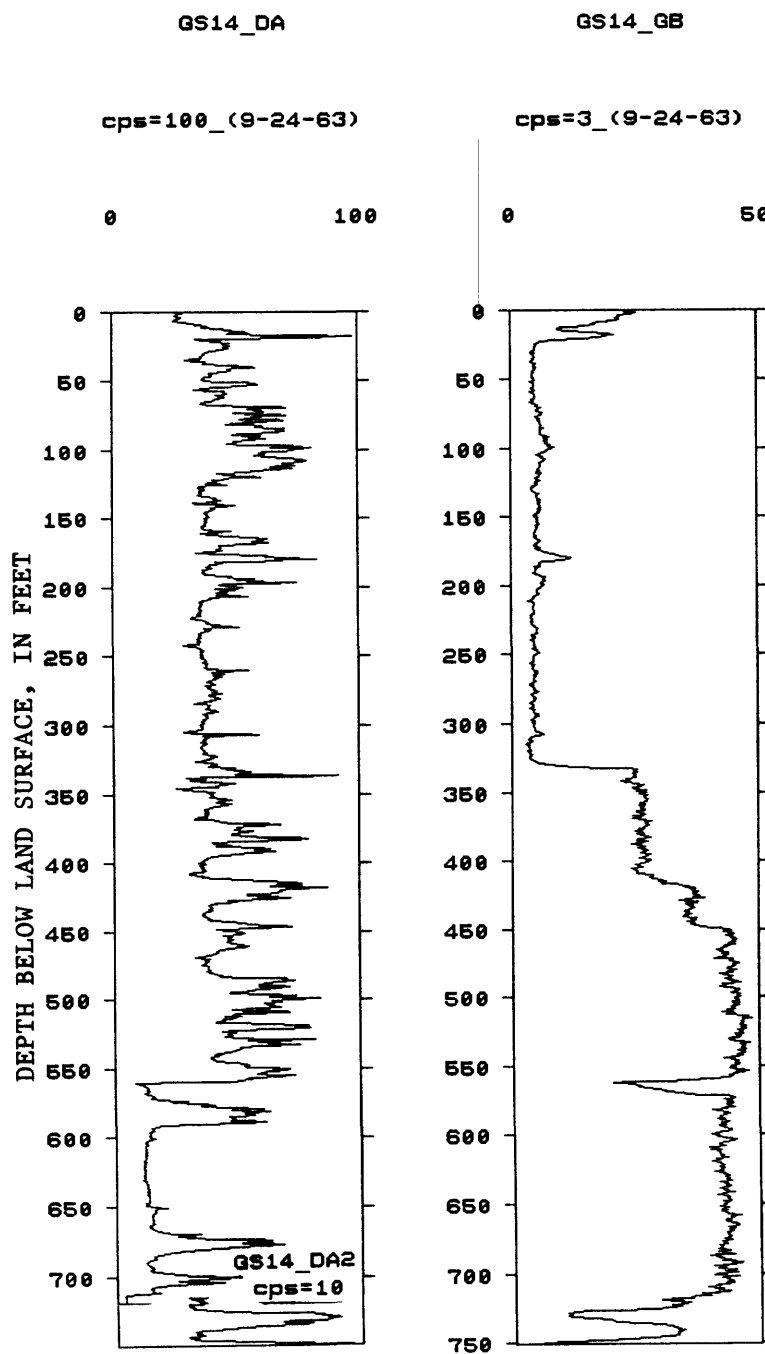
0 100

0 25

0 10

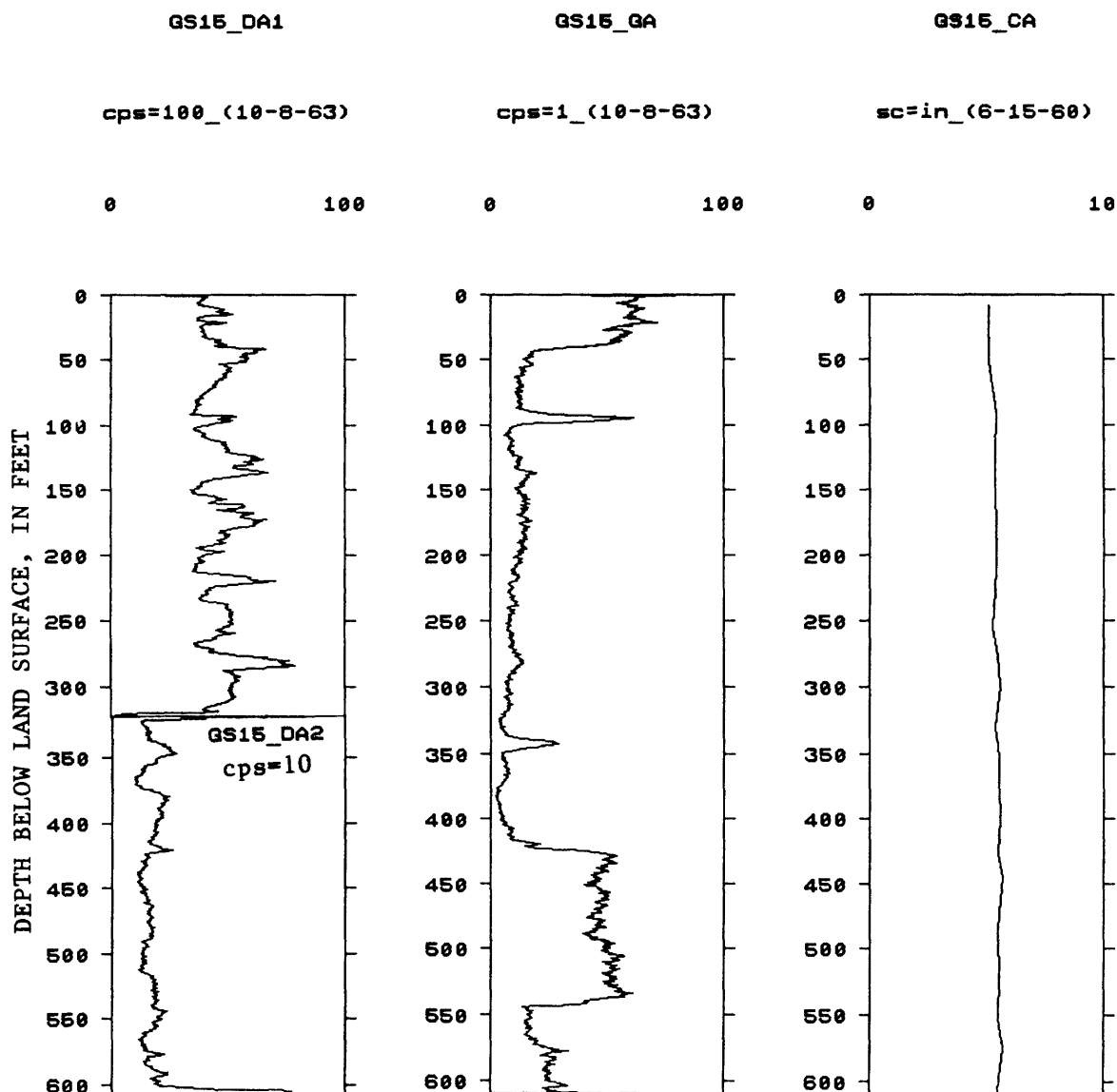


Well identifier:	USGS-14	Altitude:	5133 ft
Well location:	01S-30E-15bc1	Depth of well:	752 ft
Latitude and longitude:	432013 1125632	Depth of hole:	752 ft
Site identifier:	432019112563201	Total depth logged:	751 ft
County:	Bingham		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 6,10. Digitized and processed logs are on disks 7,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.		



Well identifier:	USGS-15	Altitude:	4813 ft
Well location:	04N-30E-06aba1	Depth of well:	1497 ft
Latitude and longitude:	434235 1125517	Depth of hole:	1497 ft
Site identifier:	434234112551701	Total depth logged:	610 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 7. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.

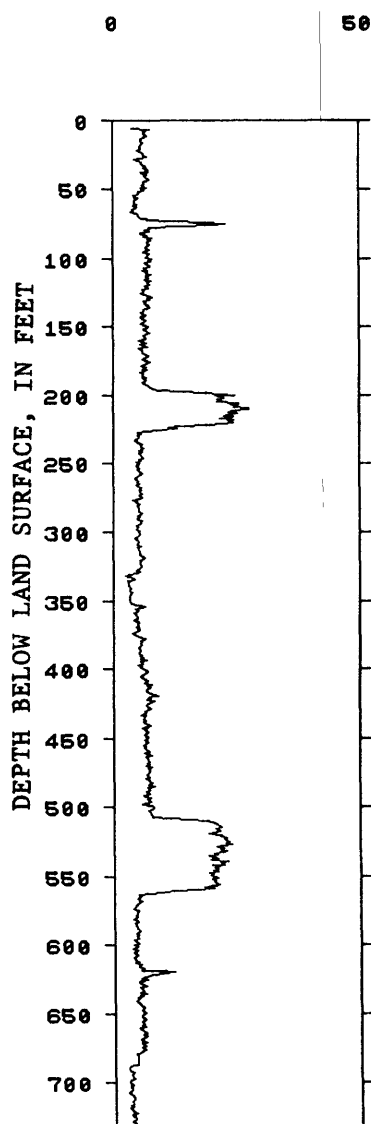


Well identifier: USGS-16                      Altitude: 5100 ft  
Well location: 02S-30E-30bbb1              Depth of well: 739 ft  
Latitude and longitude: 431333 1130016      Depth of hole: 740 ft  
Site identifier: 431333113001701           Total depth logged: 739 ft  
County: Bingham

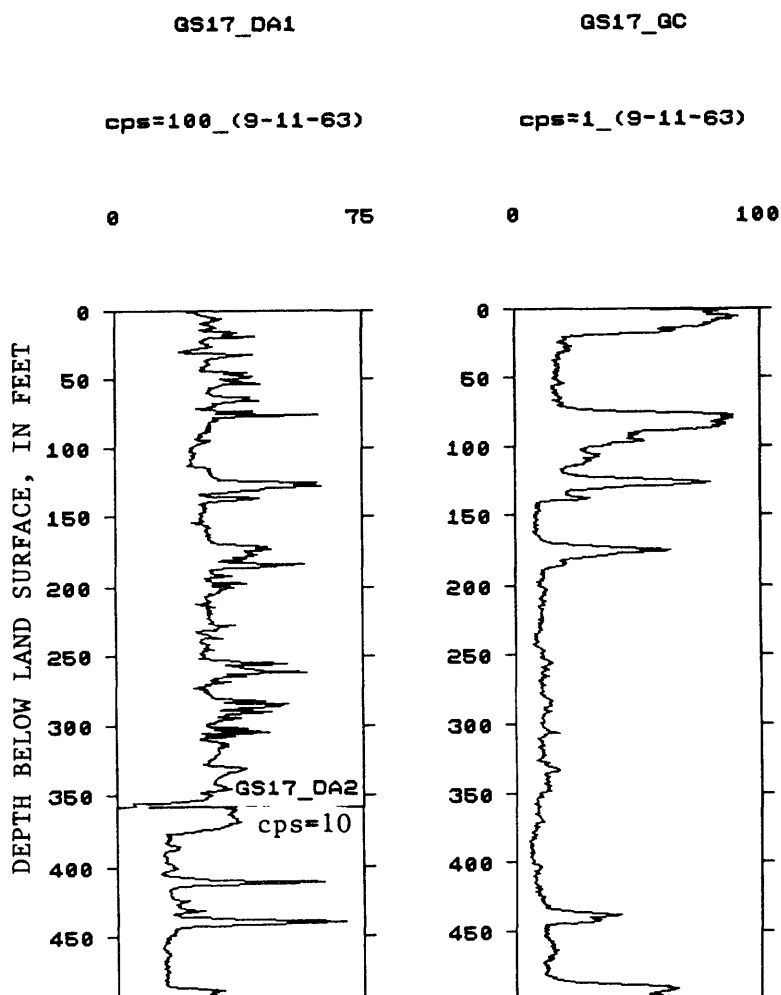
Remarks: Additional digitized and undigitized logs are available (see  
Table 1). Digitized and unprocessed logs are on disk 6.  
Digitized and processed logs are on disk 7.

GS16\_GA

SC=.005\_(1-24-81)

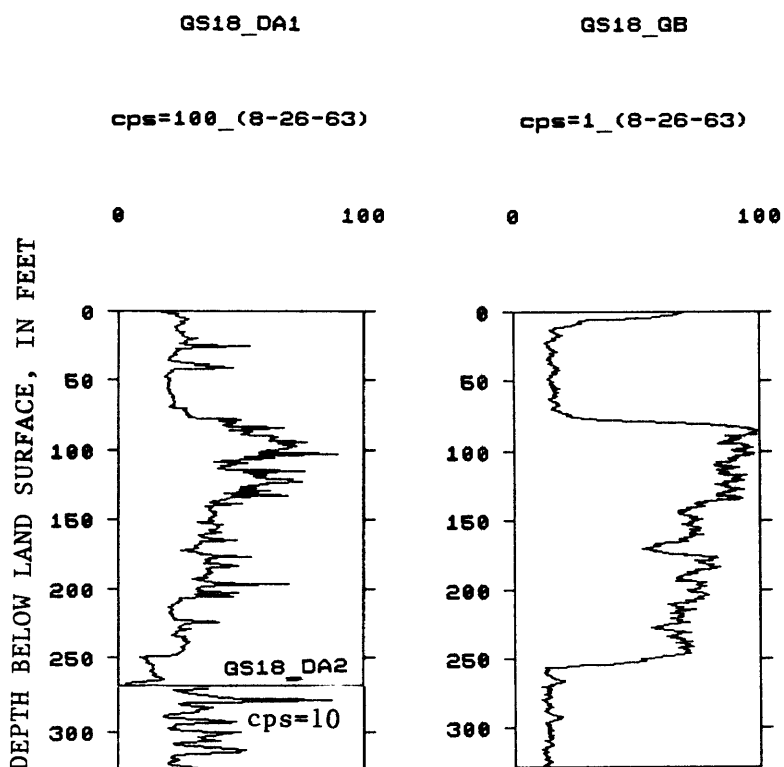


Well identifier:	USGS-17	Altitude:	4835 ft
Well location:	04N-30E-22bdd1	Depth of well:	498 ft
Latitude and longitude:	433937 1125154	Depth of hole:	498 ft
Site identifier:	433937112515401	Total depth logged:	498 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 7. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.		



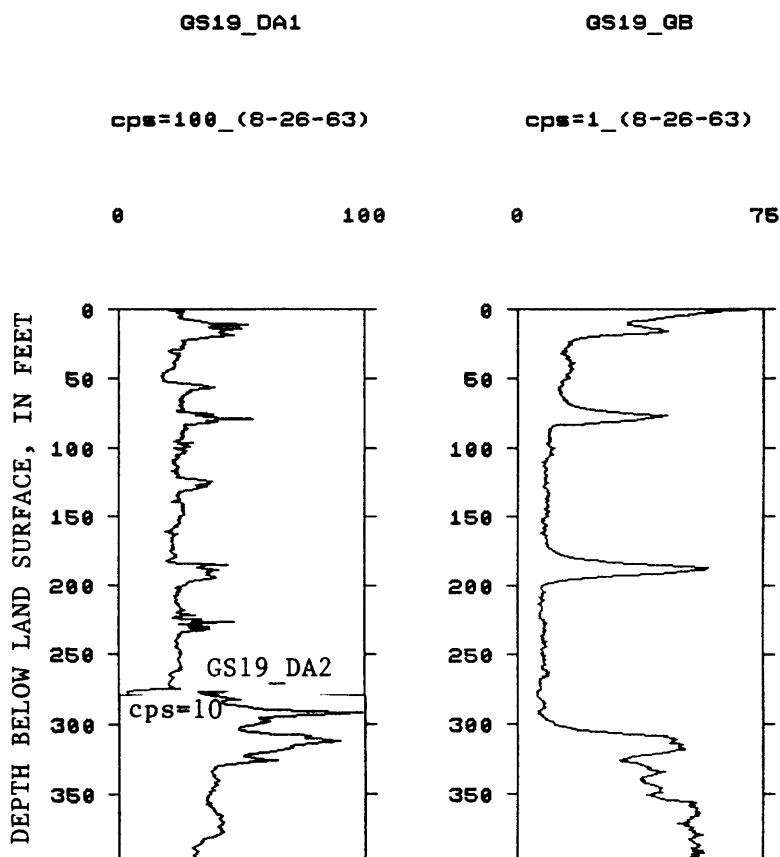
Well identifier:	USGS-18	Altitude:	4806 ft
Well location:	05N-31E-14bcc1	Depth of well:	329 ft
Latitude and longitude:	434540 1124409	Depth of hole:	329 ft
Site identifier:	434540112440901	Total depth logged:	329 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 7. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.



Well identifier:	USGS-19	Altitude:	4800 ft
Well location:	05N-29E-23cdd1	Depth of well:	399 ft
Latitude and longitude:	434426 1125757	Depth of hole:	405 ft
Site identifier:	434426112575701	Total depth logged:	401 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 7. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.



Well identifier:	USGS-20	Altitude:	4916 ft
Well location:	03N-30E-31aad1	Depth of well:	676 ft
Latitude and longitude:	433253 1125459	Depth of hole:	676 ft
Site identifier:	433253112545901	Total depth logged:	676 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 7. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.

GS20\_DC1

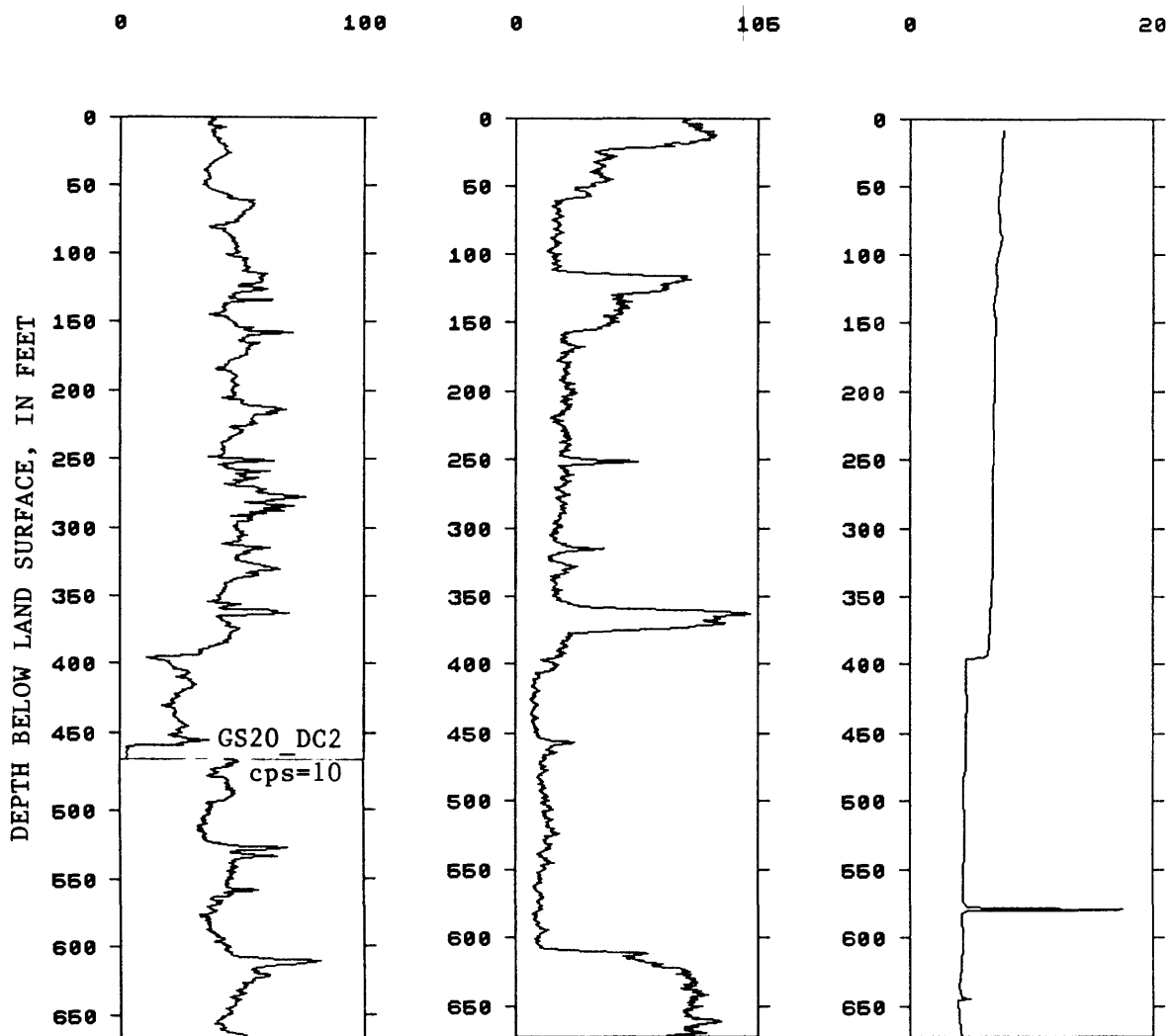
GS20\_GC

GS20\_CA

cps=100\_(8-12-63)

cps=1\_(11-6-63)

sc=in\_(1-12-60)





Well identifier:	USGS-21	Altitude:	4839 ft
Well location:	05N-32E-36add1	Depth of well:	406 ft
Latitude and longitude:	434307 1123826	Depth of hole:	406 ft
Site identifier:	434307112382601	Total depth logged:	399 ft
County:	Jefferson		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 6,10. Digitized and processed logs are on disks 7,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.		

### GS21\_DA

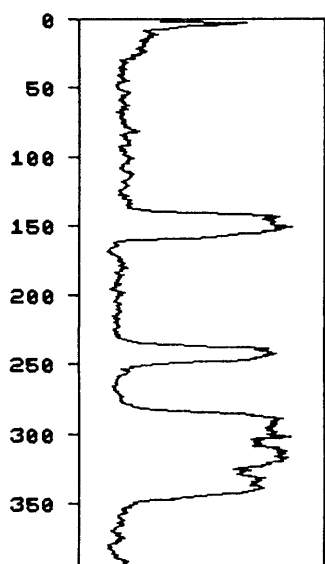
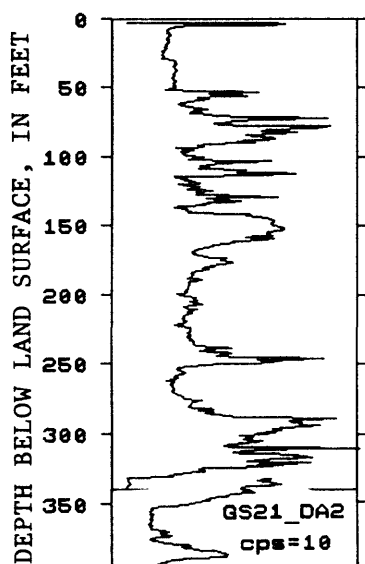
### GS21\_GB

cps=100\_(8-7-63)

cps=1\_(8-7-63)

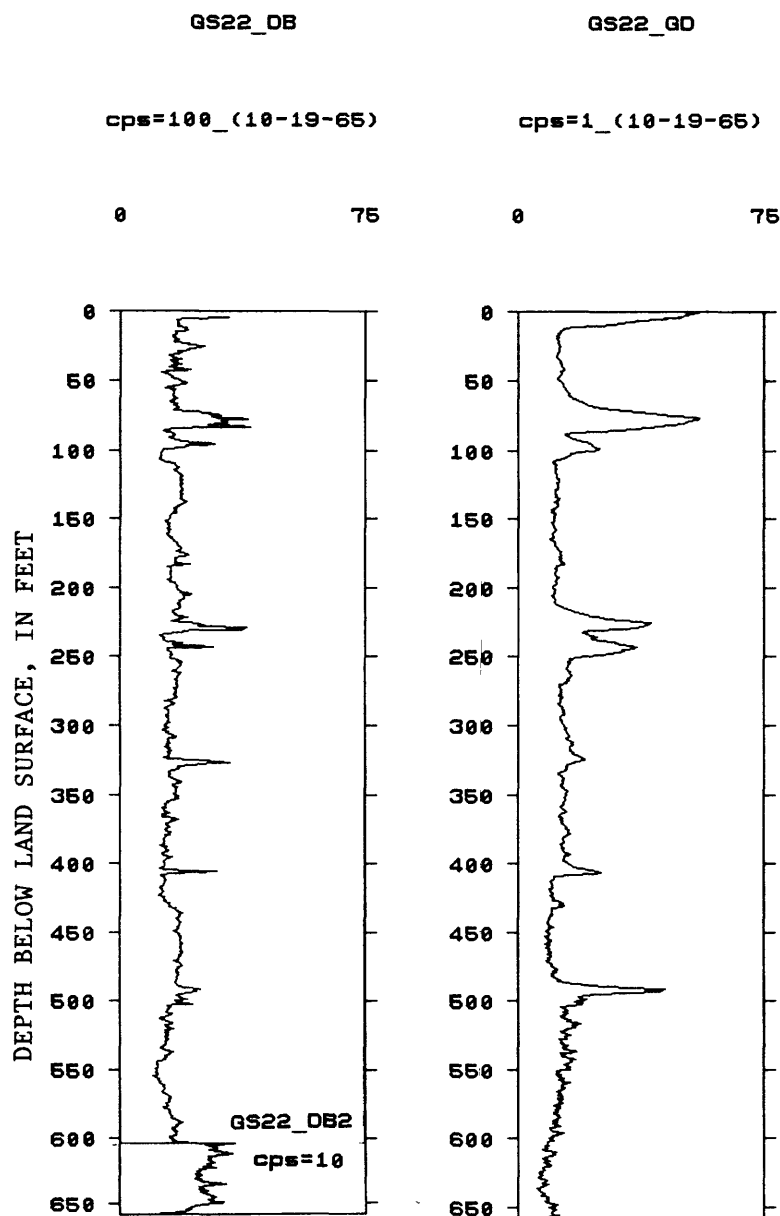
0 100

0 100



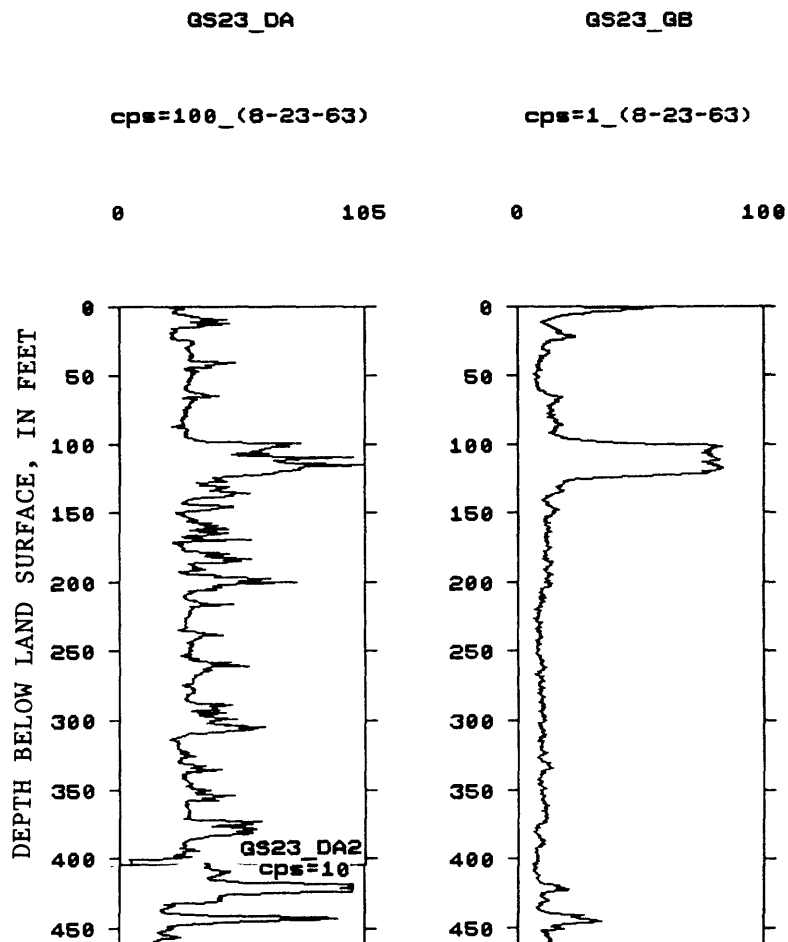
Well identifier:	USGS-22	Altitude:	5049 ft
Well location:	03N-29E-19cbb1	Depth of well:	657 ft
Latitude and longitude:	433423 1130317	Depth of hole:	657 ft
Site identifier:	433422113031701	Total depth logged:	657 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 6,10. Digitized and processed logs are on disks 7,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.



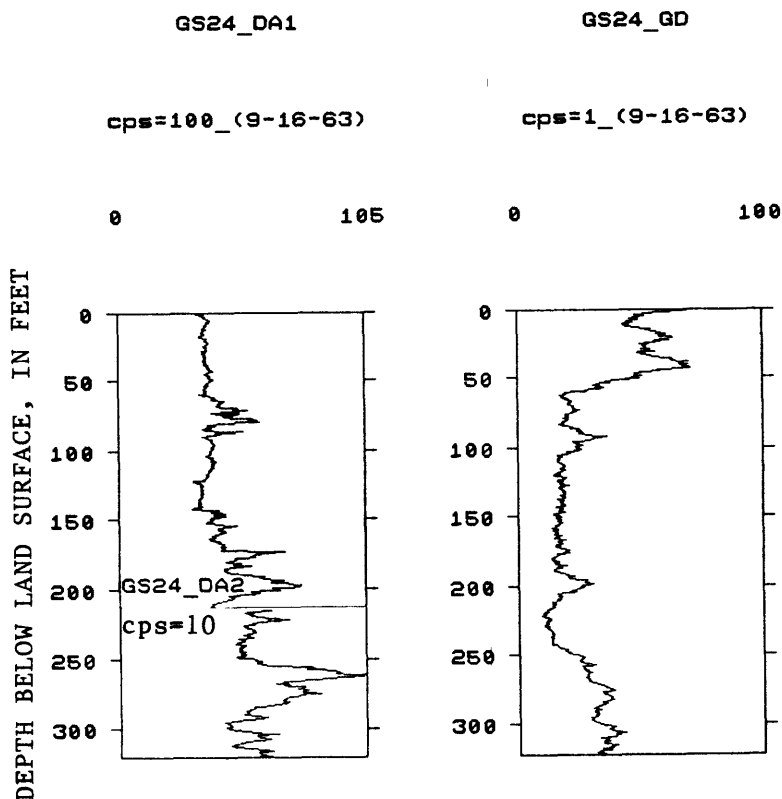
Well identifier:	USGS-23	Altitude:	4884 ft
Well location:	04N-29E-09dcd1	Depth of well:	463 ft
Latitude and longitude:	434055 1125959	Depth of hole:	467 ft
Site identifier:	434055112595901	Total depth logged:	464 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 5,10. Digitized and processed logs are on disks 6,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.

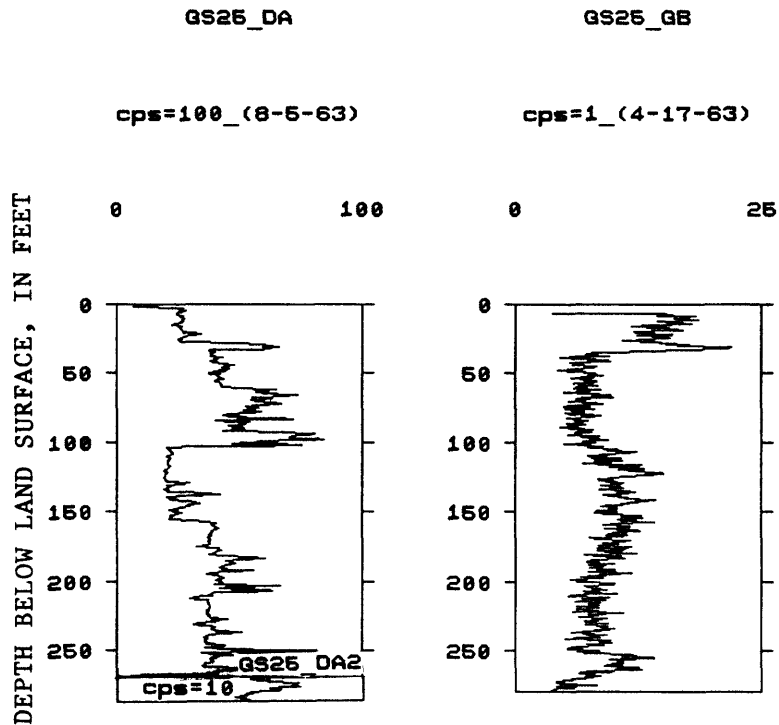


Well identifier:	USGS-24	Altitude:	4796 ft
Well location:	06N-31E-13dbb1	Depth of well:	326 ft
Latitude and longitude:	435053 1124208	Depth of hole:	326 ft
Site identifier:	435053112420801	Total depth logged:	323 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.



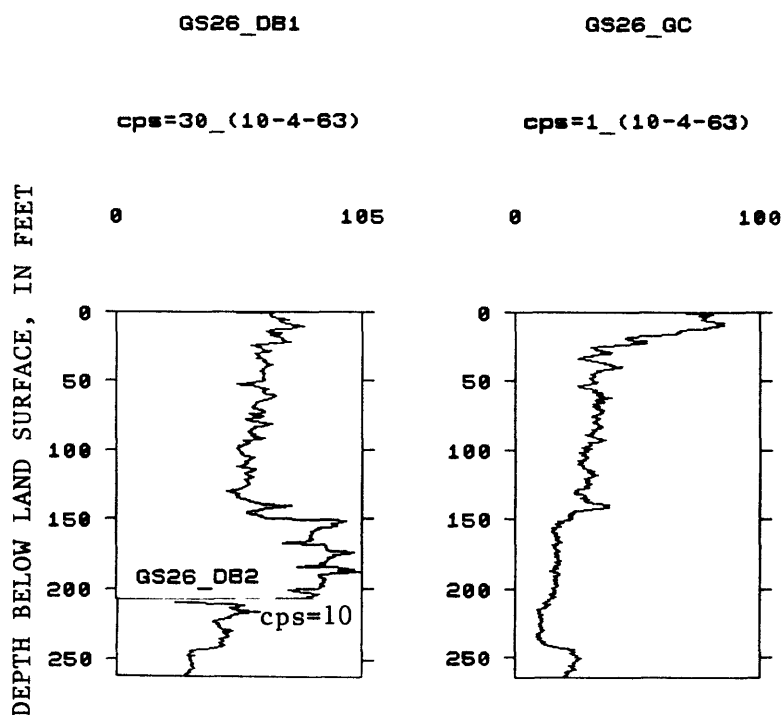
Well identifier:	USGS-25	Altitude:	4849 ft
Well location:	07N-31E-34bdd1	Depth of well:	320 ft
Latitude and longitude:	435339 1124446	Depth of hole:	320 ft
Site identifier:	435339112444601	Total depth logged:	282 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 5,10. Digitized and processed logs are on disks 6,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.		



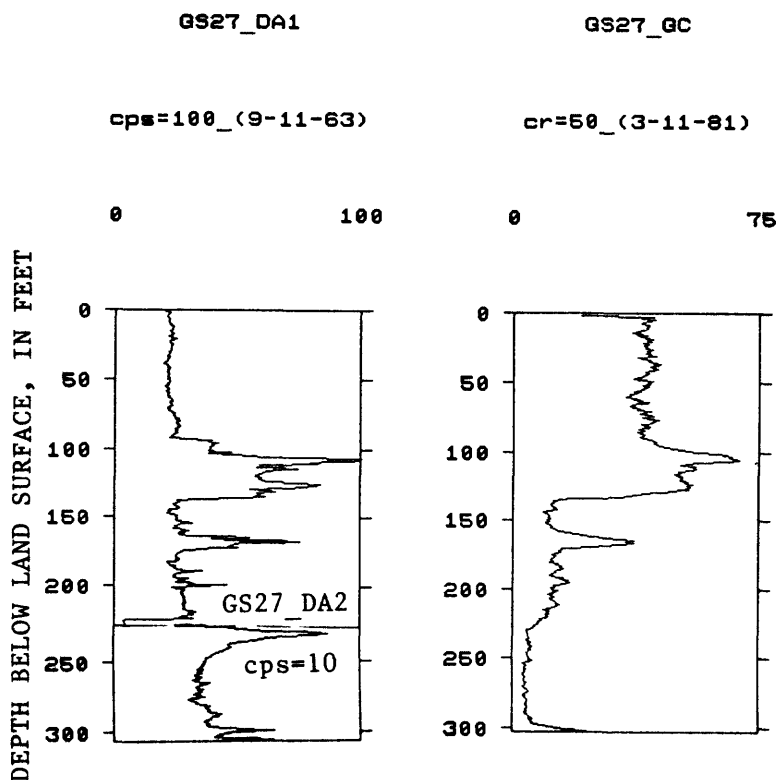
Well identifier:	USGS-26	Altitude:	4790 ft
Well location:	06N-32E-11aba1	Depth of well:	266 ft
Latitude and longitude:	435213 1123940	Depth of hole:	266 ft
Site identifier:	435212112394001	Total depth logged:	265 ft

County: Jefferson

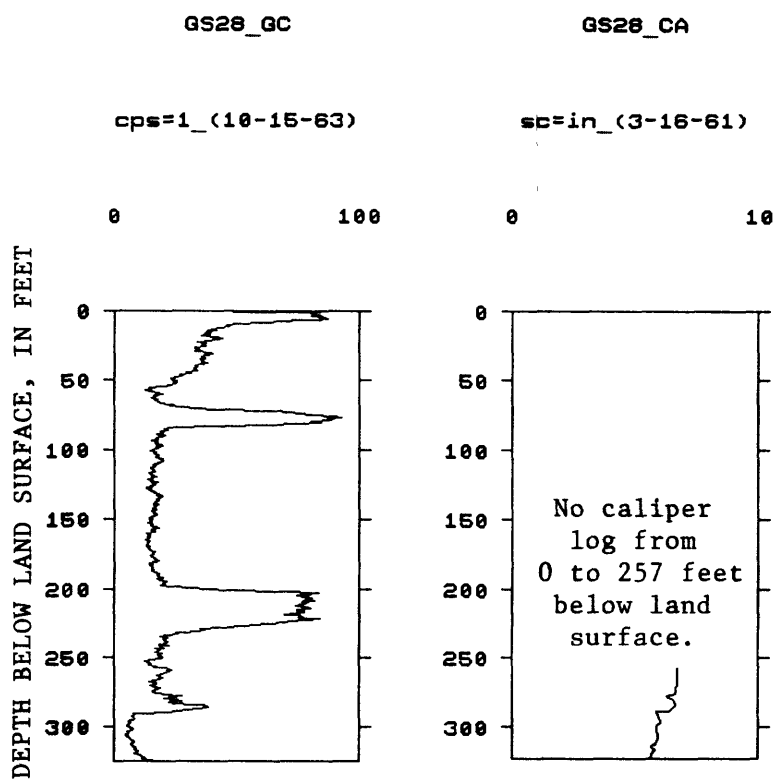
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Density log shown was digitized at 2 different scales--cps=30,10. Line break indicates base of upper logged interval.



Well identifier:	USGS-27	Altitude:	4784 ft
Well location:	06N-33E-26ddb1	Depth of well:	312 ft
Latitude and longitude:	434051 1123218	Depth of hole:	312 ft
Site identifier:	434851112321801	Total depth logged:	310 ft
County:	Jefferson		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.		



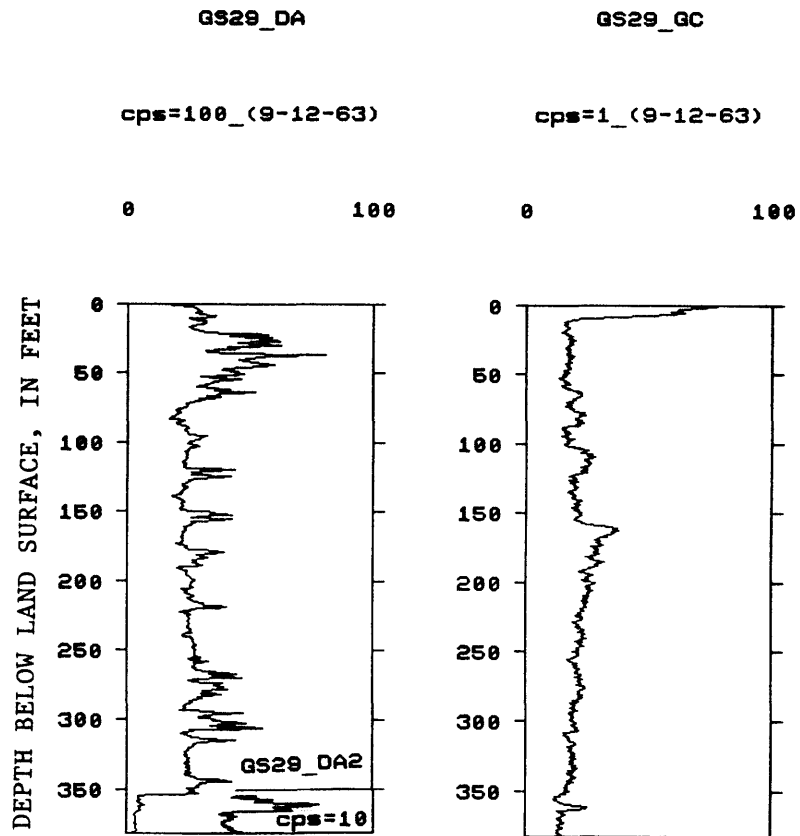
Well identifier:	USGS-28	Altitude:	4772 ft
Well location:	05N-33E-17add1	Depth of well:	334 ft
Latitude and longitude:	434600 1123601	Depth of hole:	334 ft
Site identifier:	434600112360101	Total depth logged:	325 ft
County:	Jefferson		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		





Well identifier:	USGS-29	Altitude:	4878 ft
Well location:	05N-34E-29daa1	Depth of well:	422 ft
Latitude and longitude:	434407 1122850	Depth of hole:	422 ft
Site identifier:	434407112285101	Total depth logged:	384 ft
County:	Jefferson		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 5,10. Digitized and processed logs are on disks 6,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.



Well identifier: USGS-30                      Altitude: 4795 ft  
 Well location: 05N-33E-13bdc1              Depth of well: 1006 ft  
 Latitude and longitude: 434600 1123154      Depth of hole: 1006 ft  
 Site identifier: 434601112315403          Total depth logged: 1003 ft  
 County: Jefferson

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. There are three piezometers in this well--deepest is 1006 ft. Line breaks on neutron and gamma-gamma logs indicate changes in sensitivity. Digitized logs continued on next page.

GS30\_NA

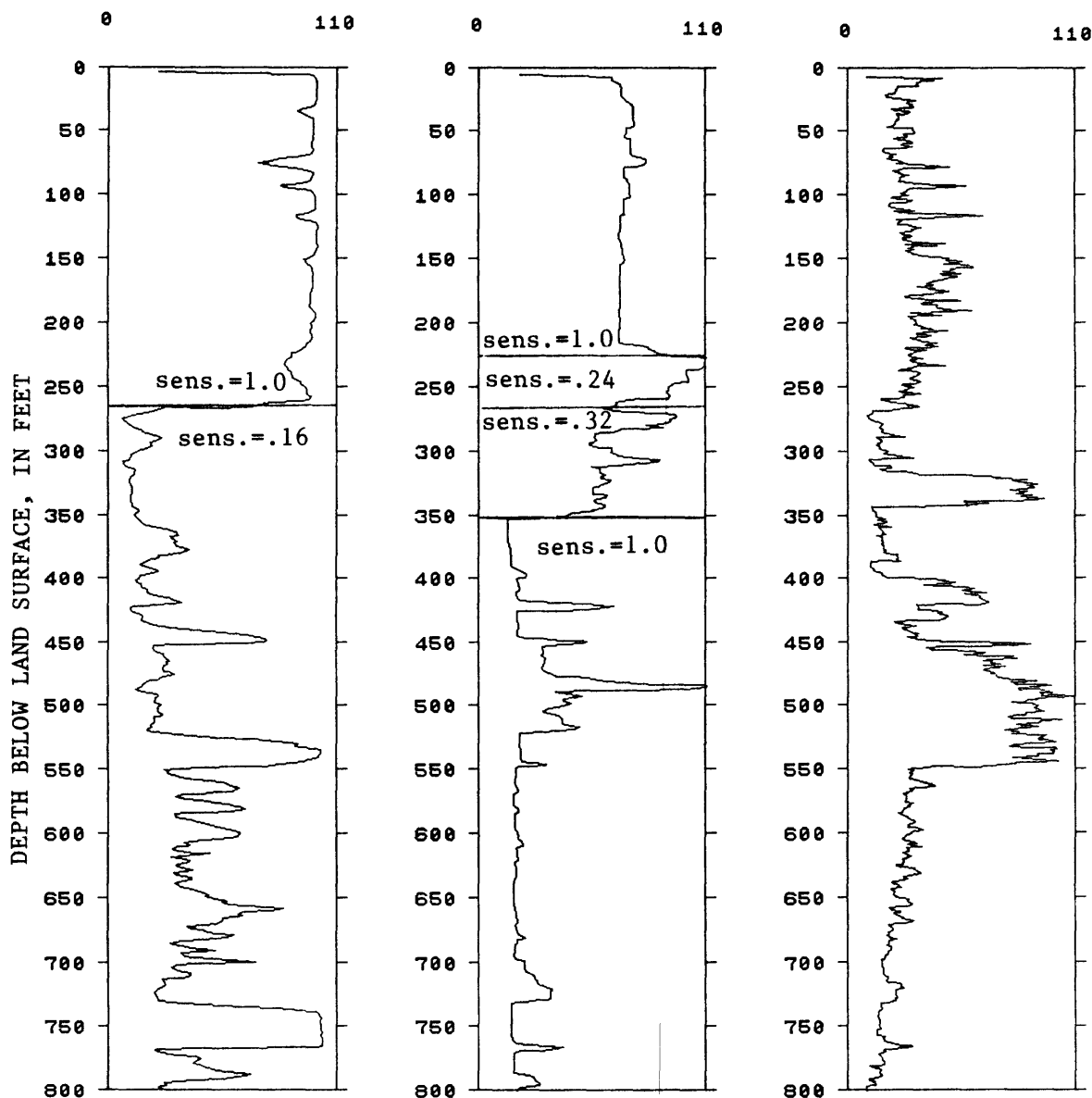
GS30\_GGA

GS30\_GE

30ft/min\_(8-4-69)

20ft/in\_(8-4-69)

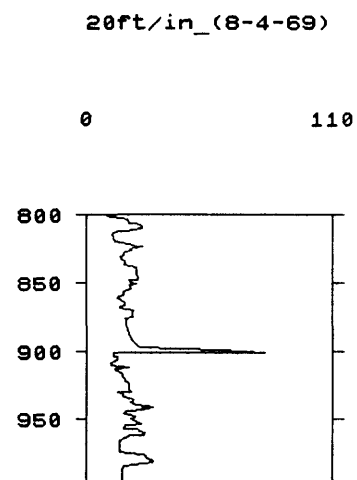
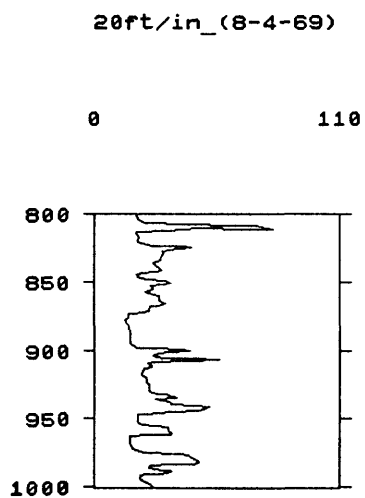
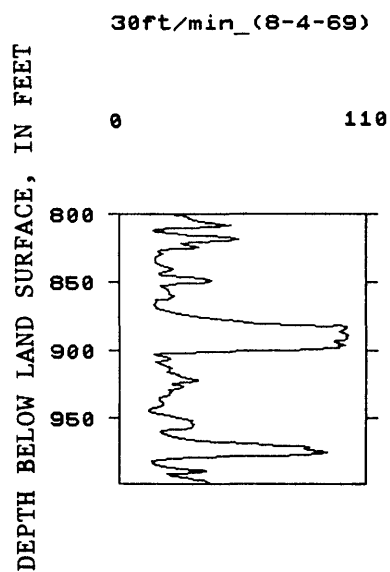
20ft/in\_(8-4-69)



GS30\_NA --Continued

GS30\_GGA --Continued

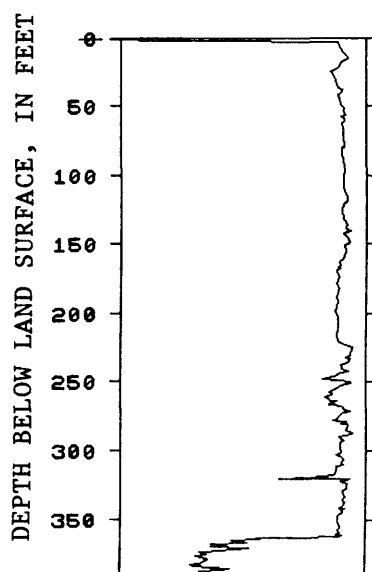
GS30\_GE--Continued



GS30\_CA

sc=in\_(5-22-69)

0 10



Well identifier:	USGS-31	Altitude:	4886 ft
Well location:	05N-33E-10cdc1	Depth of well:	428 ft
Latitude and longitude:	434626 1123421	Depth of hole:	428 ft
Site identifier:	434625112342101	Total depth logged:	430 ft
County:	Jefferson		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.

GS31\_GA

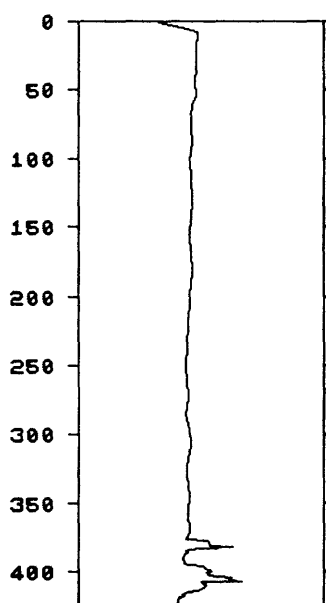
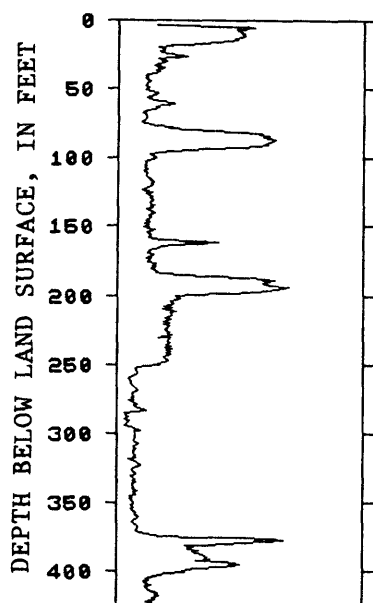
GS31\_CA

sc=.005\_(3-2-61)

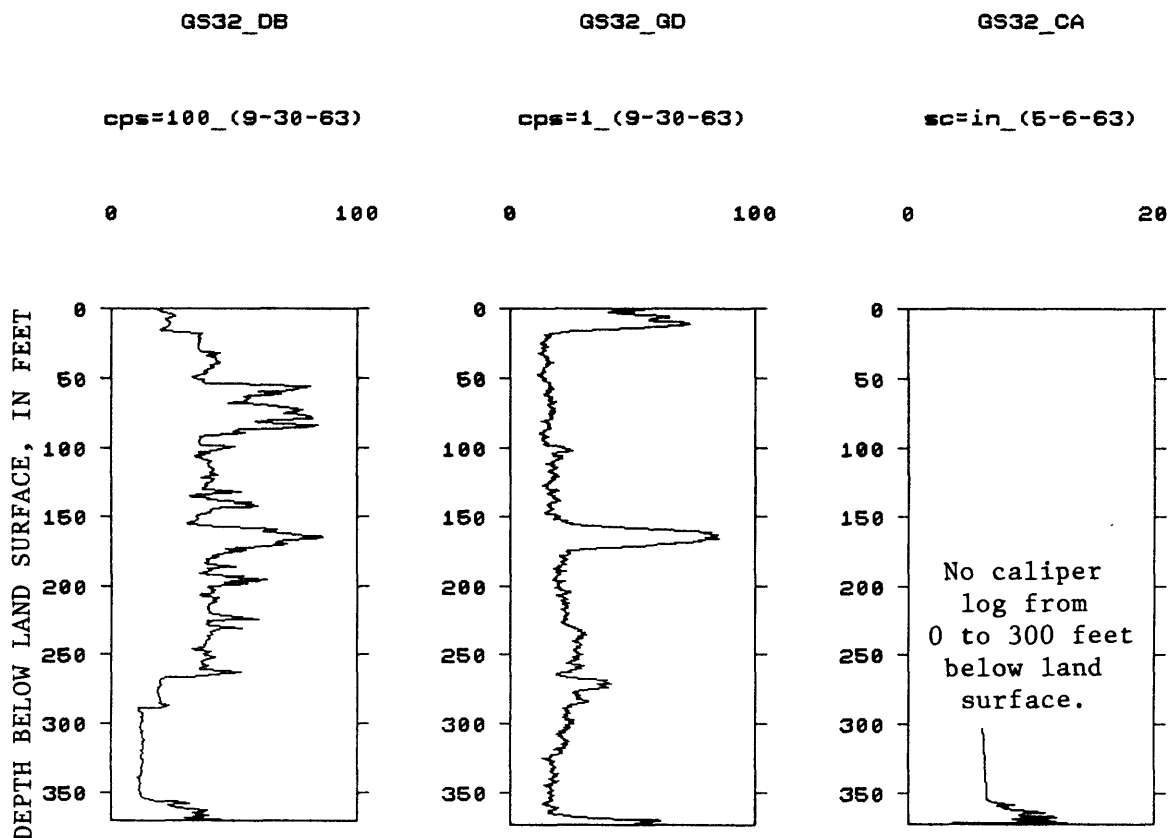
sc=in\_(3-10-61)

0 50

0 20



Well identifier:	USGS-32	Altitude:	4812 ft
Well location:	05N-33E-23dda1	Depth of well:	392 ft
Latitude and longitude:	434444 1123221	Depth of hole:	392 ft
Site identifier:	434444112322101	Total depth logged:	374 ft
County:	Jefferson		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Density log shown represents 2 different scales--cps=100,30. Line break indicates base of upper logged interval.		



Well identifier:	USGS-33	Altitude:	4887 ft
Well location:	05N-33E-35daa1	Depth of well:	--
Latitude and longitude:	434314 1123229	Depth of hole:	--
Site identifier:	434314112322901	Total depth logged:	512 ft
County:	Jefferson		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Well destroyed.

GS33\_DD

GS33\_GC

GS33\_CA

cps=100\_(5-8-63)

cps=1\_(9-30-63)

sc=in\_(5-7-63)

0

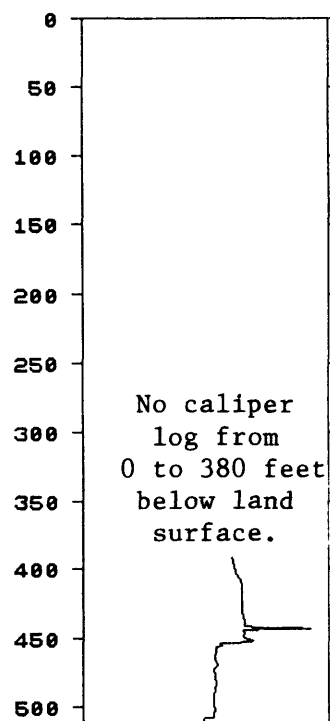
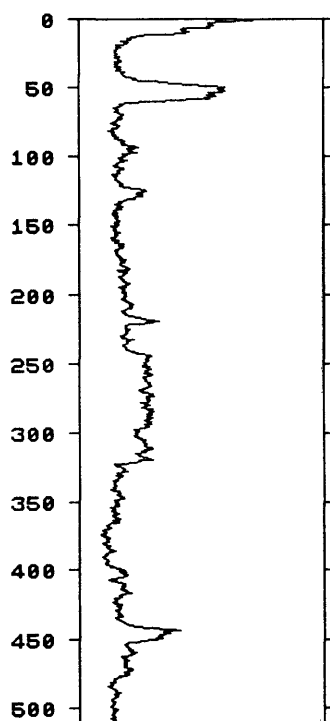
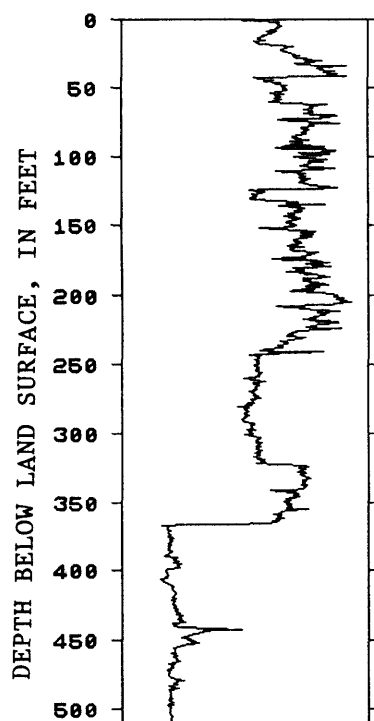
50

0

100

0

10



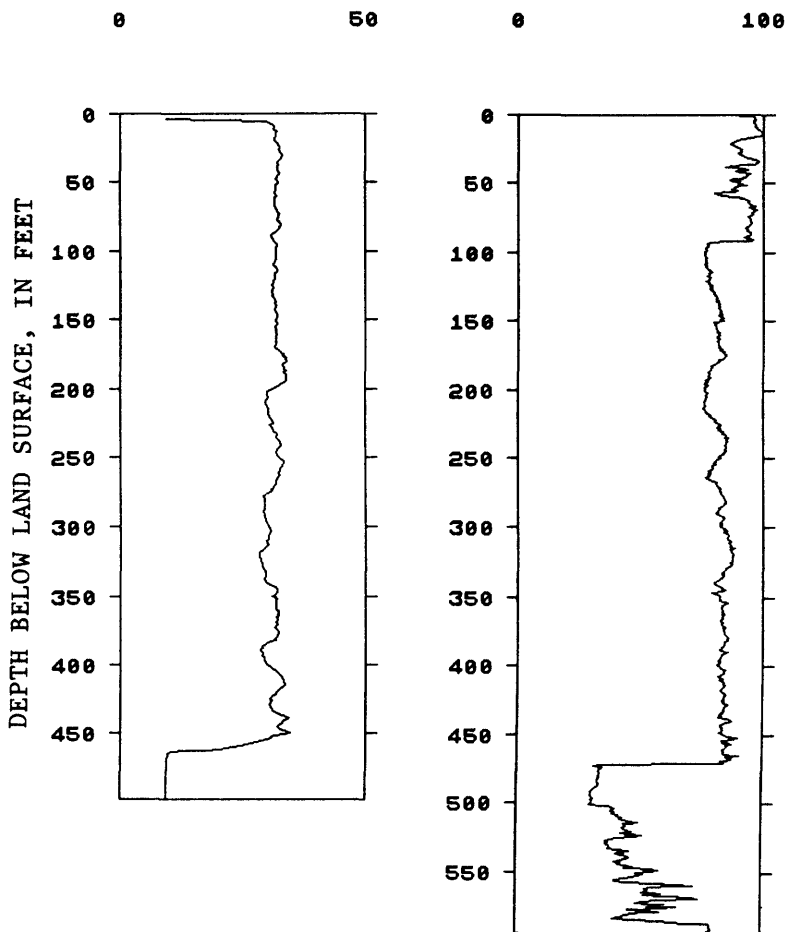
Well identifier:	USGS-34	Altitude:	4930 ft
Well location:	03N-29E-25bdc1	Depth of well:	700 ft
Latitude and longitude:	433334 1125654	Depth of hole:	700 ft
Site identifier:	433334112565501	Total depth logged:	650 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 5.		

GS34\_NA

GS34\_DD

sc=.02\_(6-11-70)

cps=300\_(7-3-63)

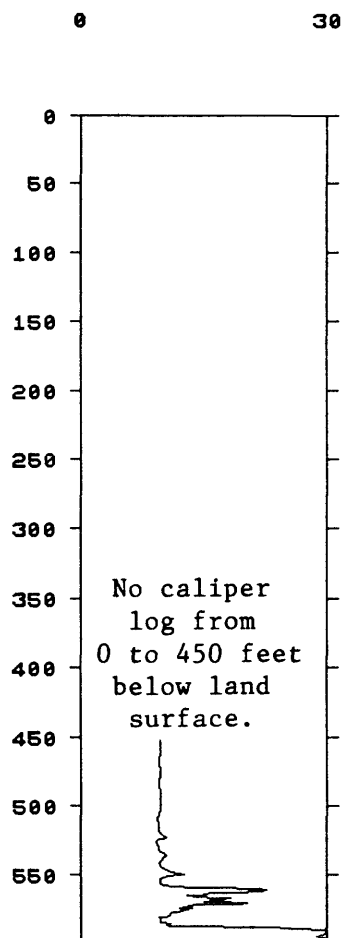
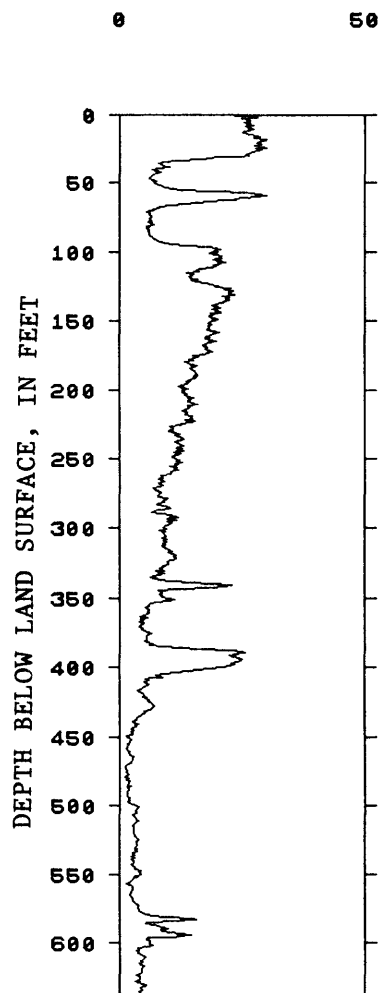


GS34\_GC

GS34\_CA

cps=3\_(3-20-62)

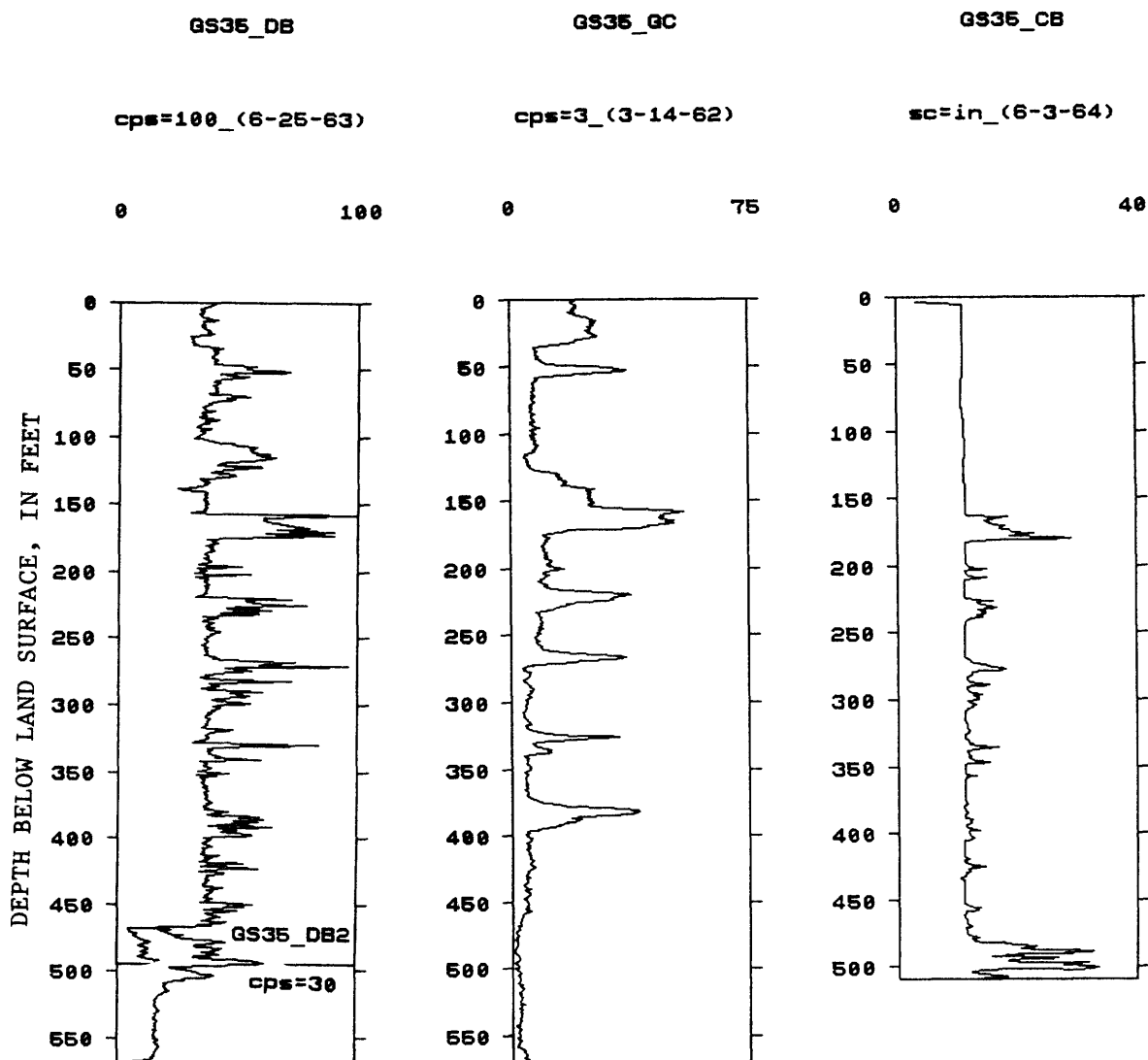
sc=in\_(6-13-62)





Well identifier:	USGS-35	Altitude:	4930 ft
Well location:	03N-29E-25bdb1	Depth of well:	578 ft
Latitude and longitude:	433339 1125658	Depth of hole:	578 ft
Site identifier:	433339112565801	Total depth logged:	577 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 5,10. Digitized and processed logs are on disks 5,12. Density log shown was digitized at 2 different scales--cps=100,30. Line break indicates base of upper logged interval.



Well identifier:	USGS-36	Altitude:	4930 ft
Well location:	03N-29E-25bdd1	Depth of well:	567 ft
Latitude and longitude:	433330 1125651	Depth of hole:	567 ft
Site identifier:	433330112565201	Total depth logged:	568 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 5. Density log shown was digitized at 2 different scales--cps=100,30. Line break indicates base of upper logged interval.

GS36\_DC1

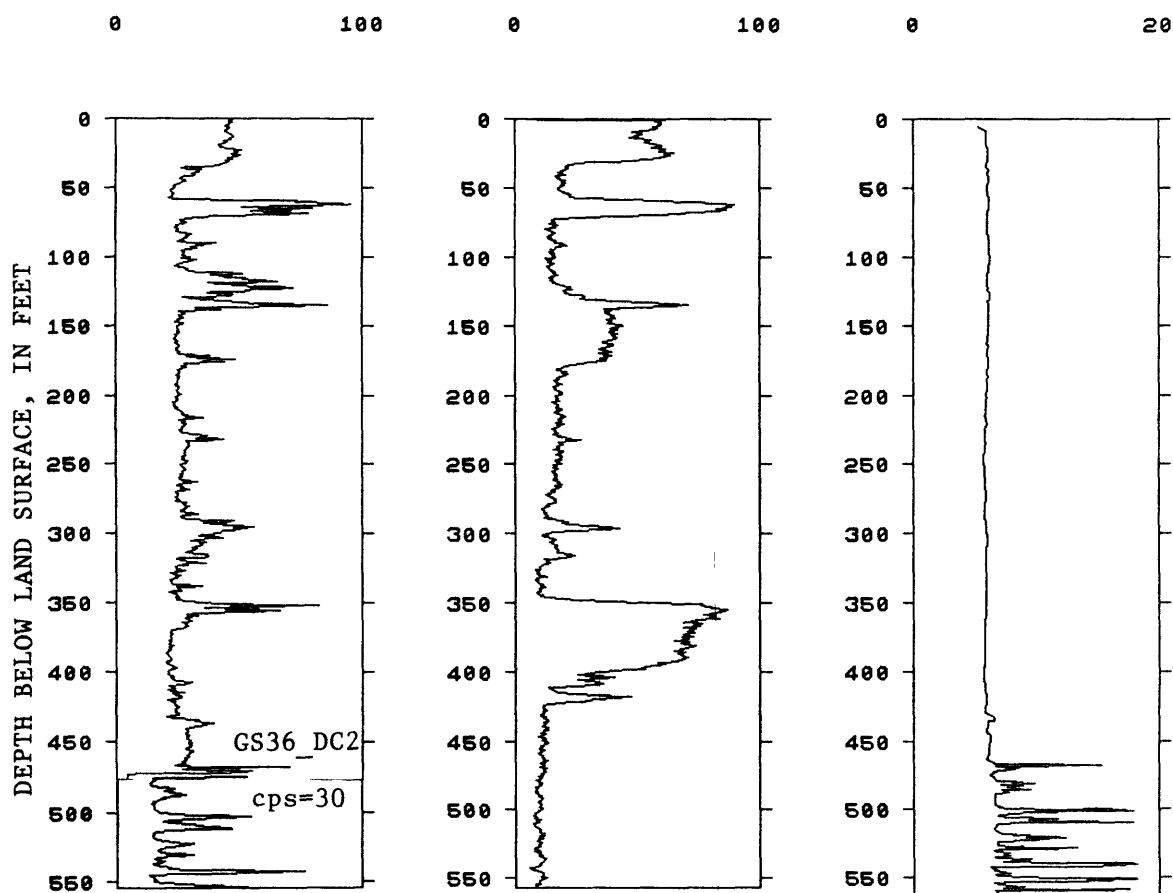
GS36\_GC

GS36\_CA

cps=100\_(10-14-63)

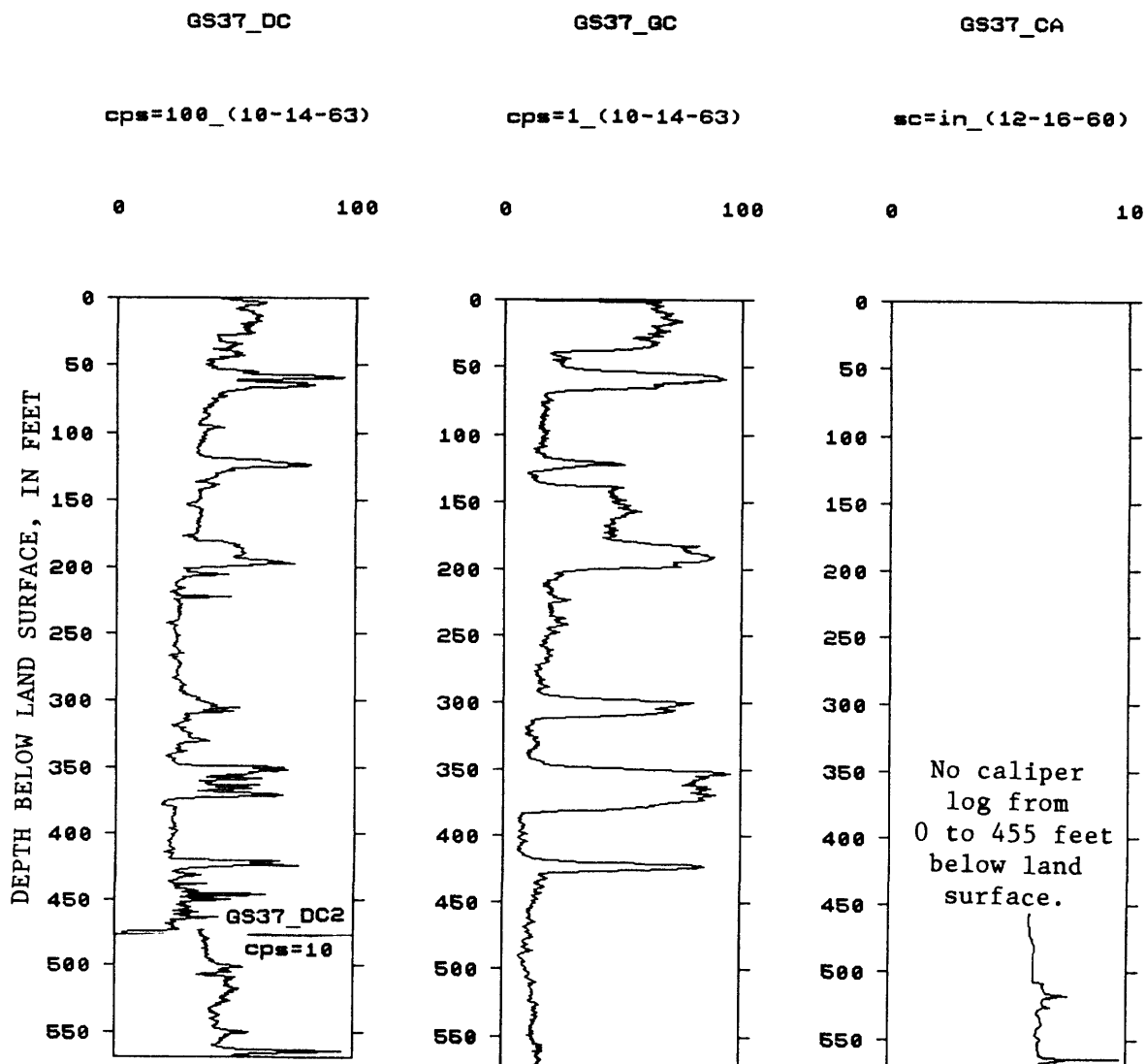
cps=1\_(10-14-63)

sc=in\_(4-13-60)



Well identifier:	USGS-37	Altitude:	4930 ft
Well location:	03N-29E-25caa1	Depth of well:	572 ft
Latitude and longitude:	433325 1125648	Depth of hole:	573 ft
Site identifier:	433326112564801	Total depth logged:	572 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 5,10. Digitized and processed logs are on disks 5,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.



Well identifier:	USGS-38	Altitude:	4930 ft
Well location:	03N-29E-25cad1	Depth of well:	729 ft
Latitude and longitude:	433322 1125643	Depth of hole:	729 ft
Site identifier:	433322112564301	Total depth logged:	714 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5.

GS38\_DC

GS38\_GA

GS38\_CA

cps=100\_(6-21-63)

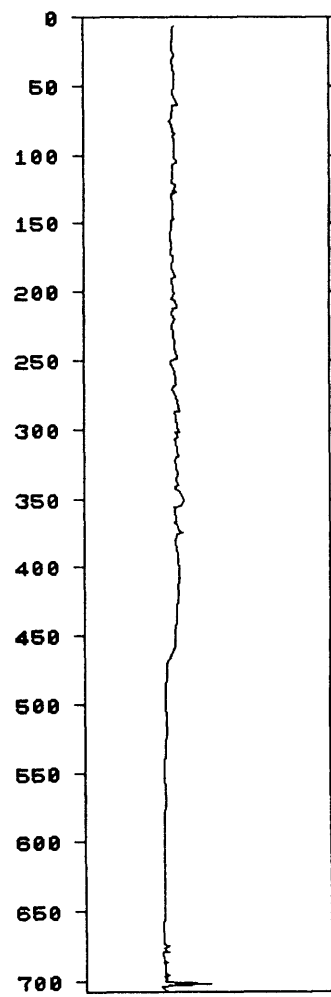
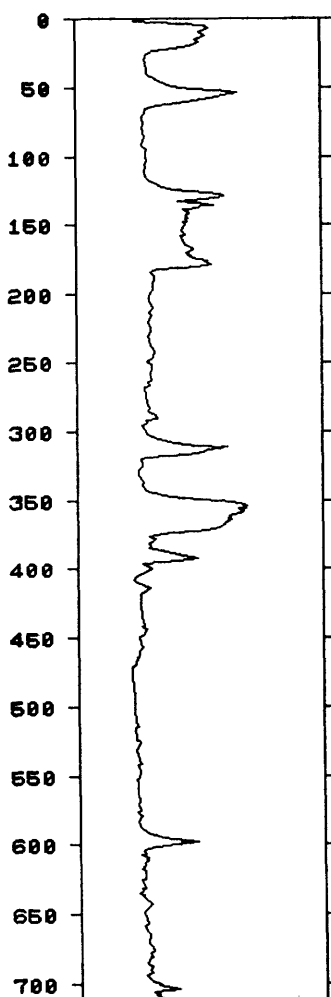
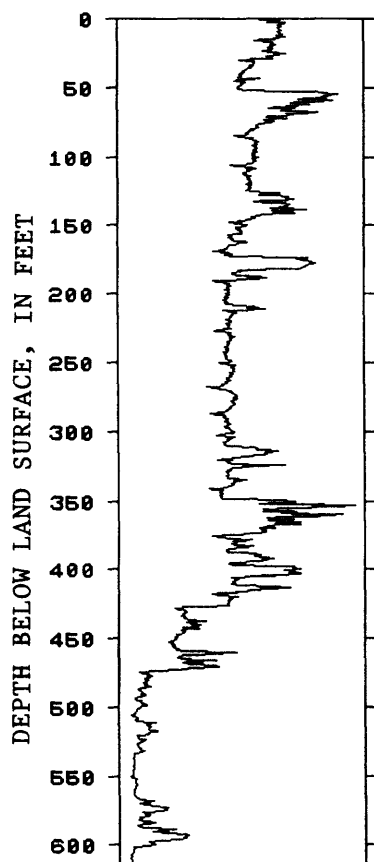
sc=.0025\_(5-29-57)

sc=in\_(3-29-60)

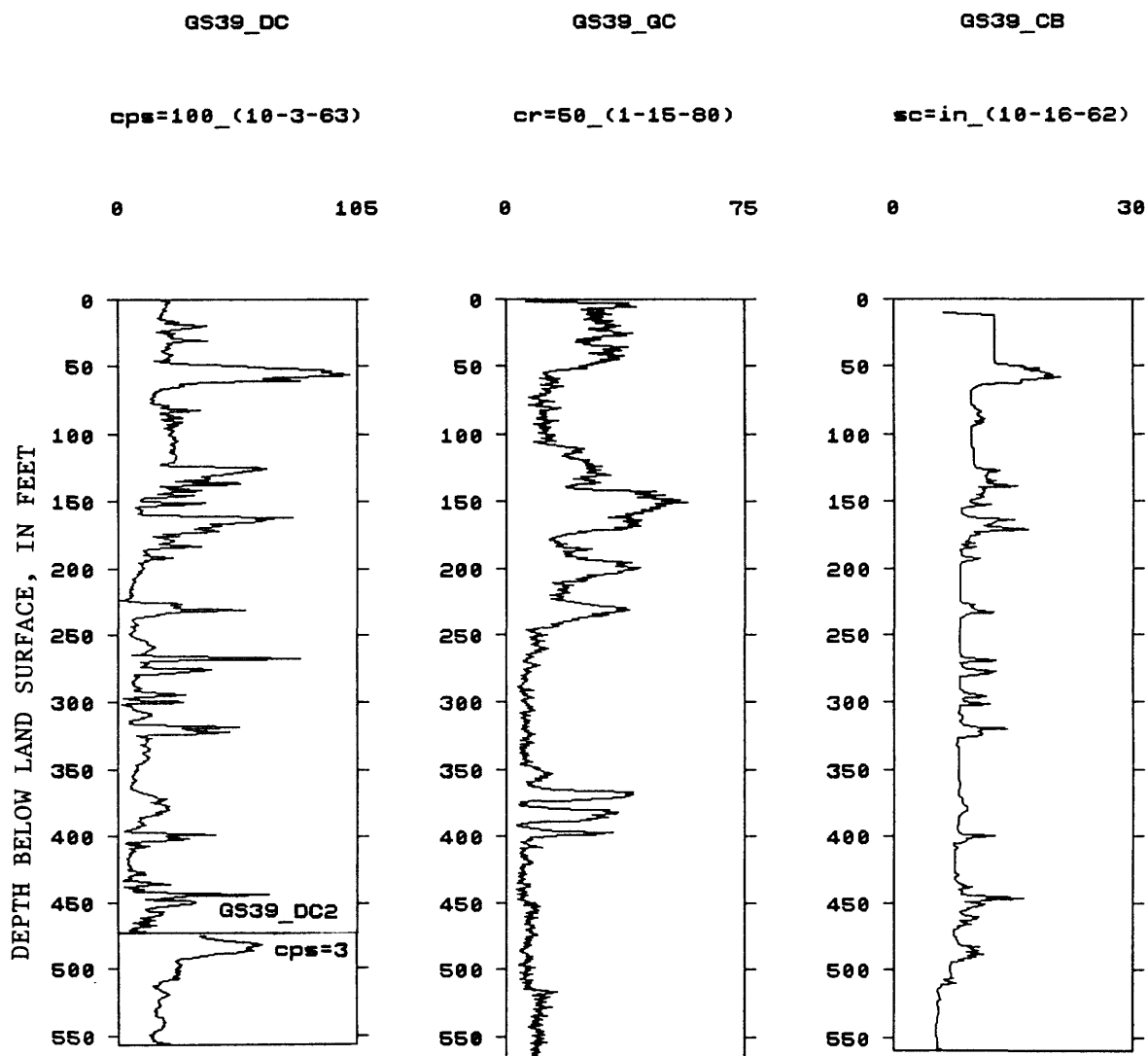
0 105

0 50

0 20



Well identifier:	USGS-39	Altitude:	4932 ft
Well location:	03N-29E-25bbd1	Depth of well:	572 ft
Latitude and longitude:	433343 1125700	Depth of hole:	577 ft
Site identifier:	433343112570001	Total depth logged:	566 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 4,10. Digitized and processed logs are on disks 5,12. Density log shown was digitized at 2 different scale--cps=100,3. Line break indicates base of upper logged interval.		



Well identifier:	USGS-40	Altitude:	4916 ft
Well location:	03N-29E-24dad1	Depth of well:	679 ft
Latitude and longitude:	433411 1125611	Depth of hole:	679 ft
Site identifier:	433411112561101	Total depth logged:	665 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5.

GS40\_NB

GS40\_GA

GS40\_CA

sc=.02\_(3-13-70)

sc=.005\_(5-4-61)

sc=in\_(3-8-61)

0

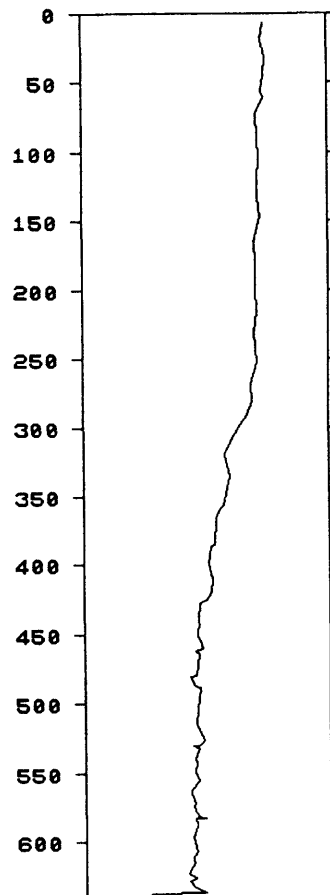
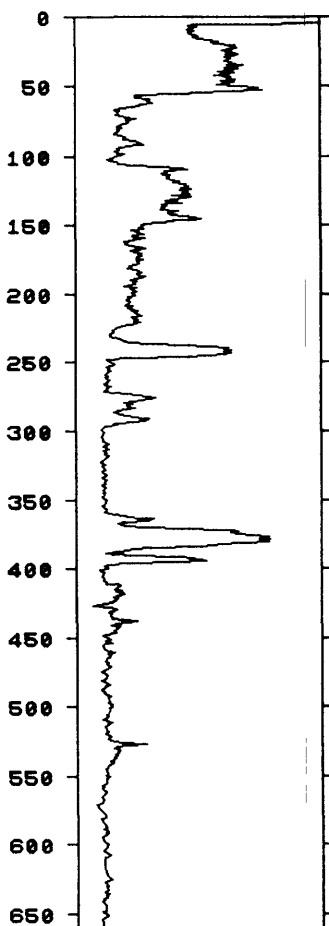
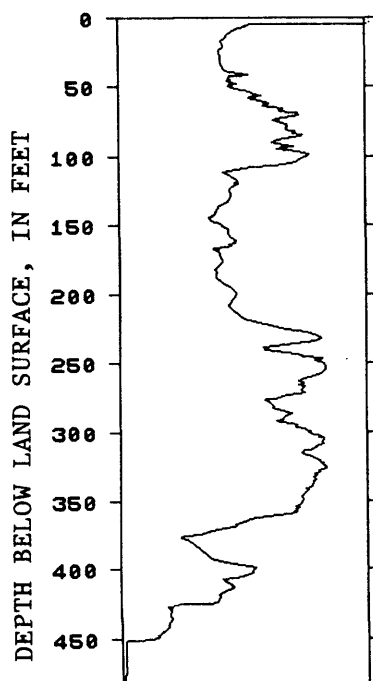
50

0

50

0

10



Well identifier:	USGS-41	Altitude:	4917 ft
Well location:	03N-29E-24dda1	Depth of well:	674 ft
Latitude and longitude:	433408 1125612	Depth of hole:	674 ft
Site identifier:	433409112561301	Total depth logged:	672 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5. Neutron log shown was digitized at 2 different scales--sc=.02,.0025. Density log shown was digitized at 2 different scales--cps=100,30. Line breaks indicate base of upper logged intervals.

GS41\_NA1

GS41\_DA1

sc=.02\_(3-13-70)

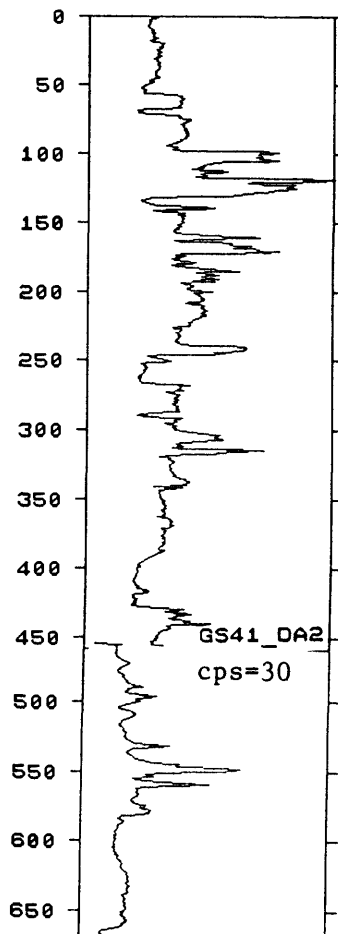
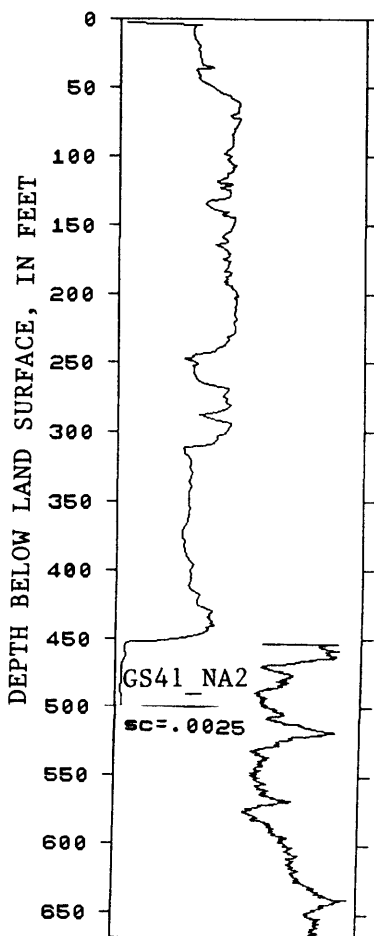
cps=100\_(7-22-63)

0

50

0

100

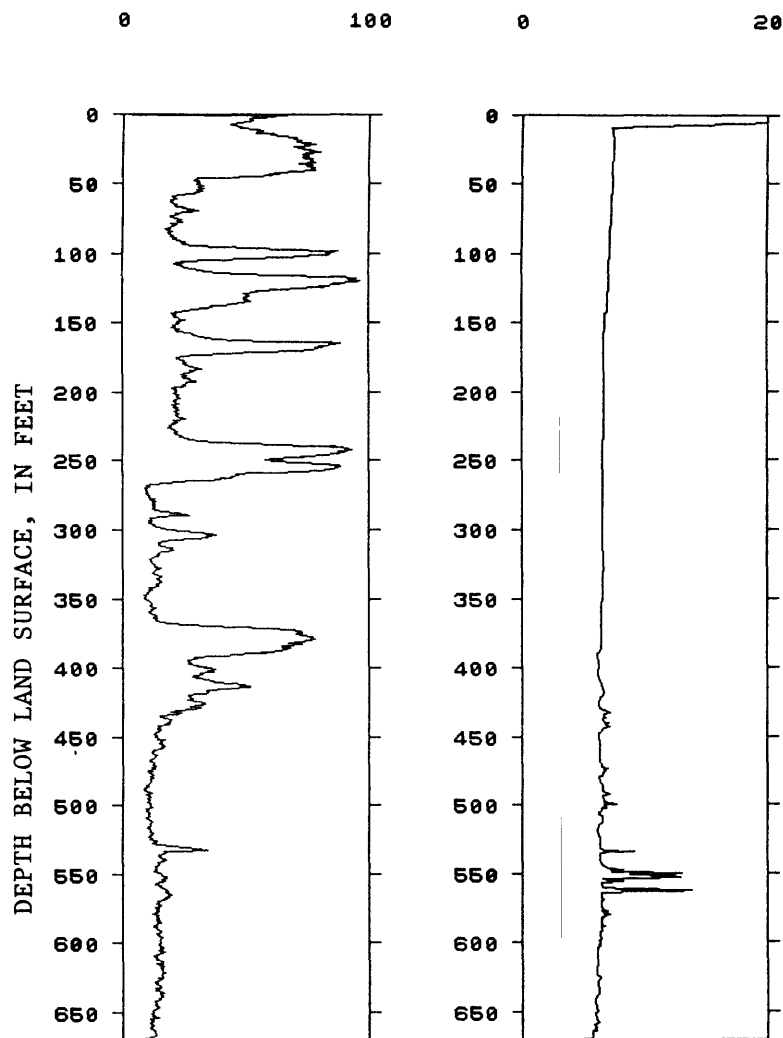


GS41\_GC

GS41\_CA

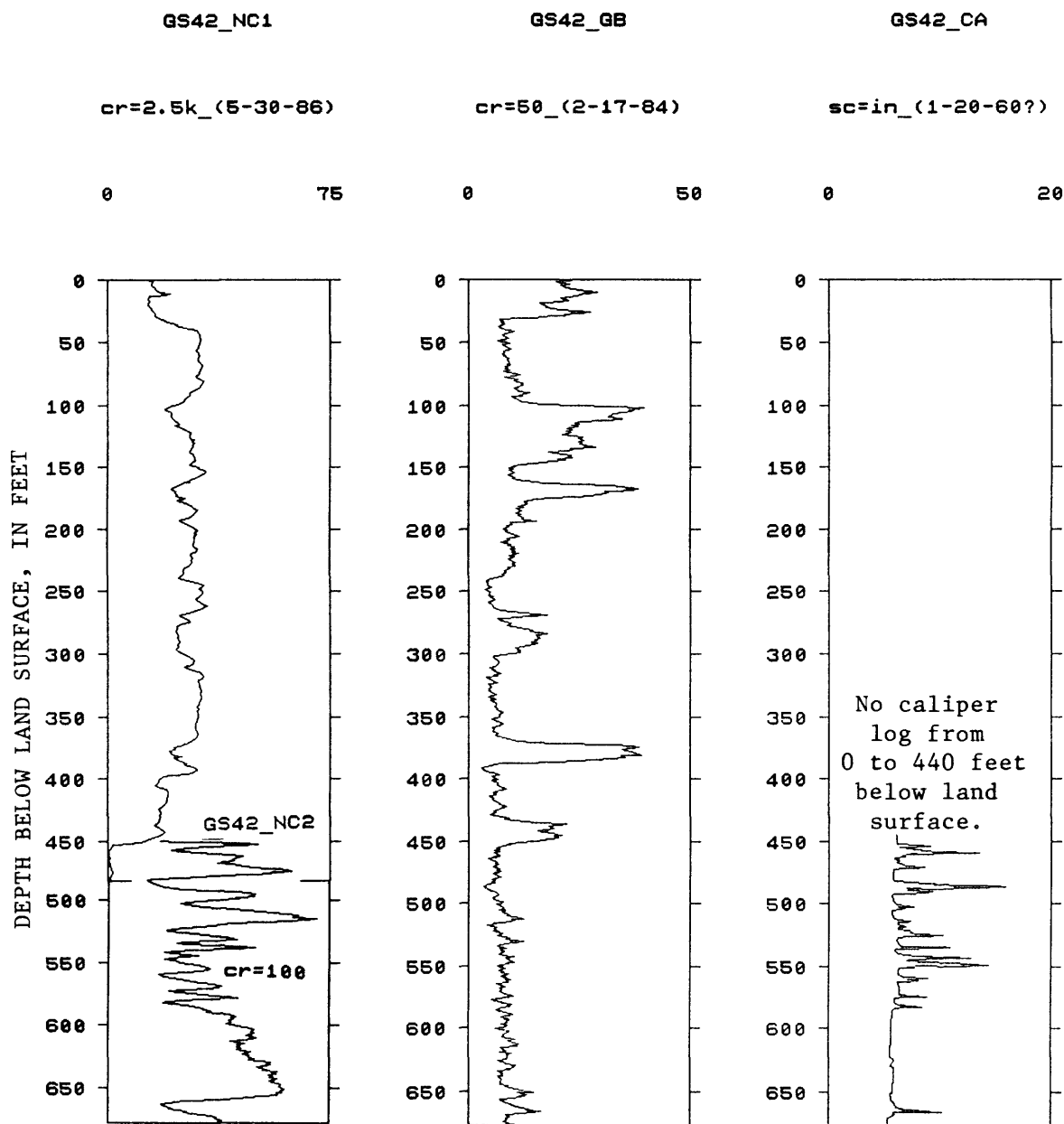
cps=1x10\_(7-22-63)

sc=in\_(5-6-60)



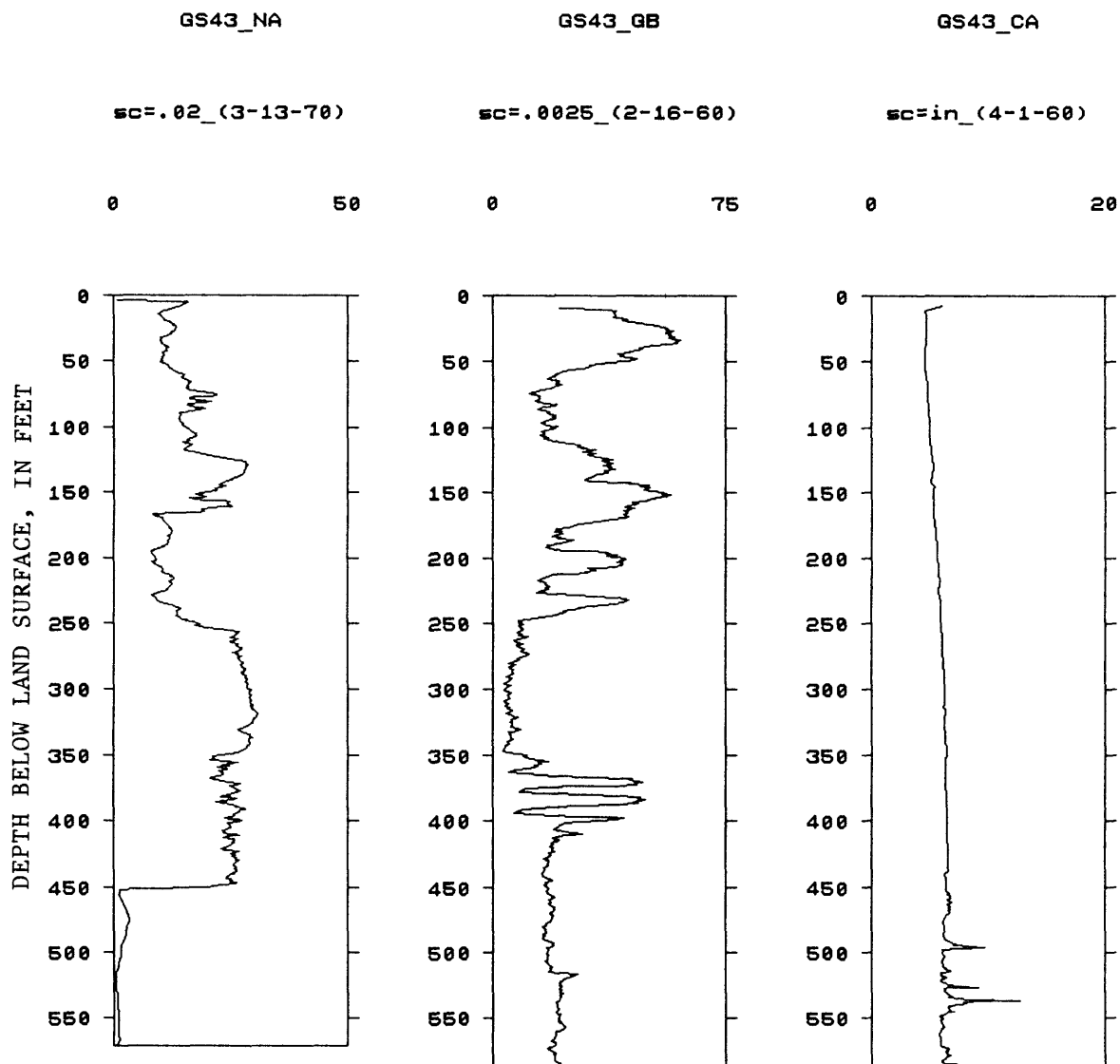


Well identifier:	USGS-42	Altitude:	4918 ft
Well location:	03N-29E-24dda2	Depth of well:	678 ft
Latitude and longitude:	433403 1125612	Depth of hole:	678 ft
Site identifier:	433404112561301	Total depth logged:	678 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5. Neutron log shown was digitized at 2 different scales--cr=2.5k,100. Line break indicates base of upper logged interval.		

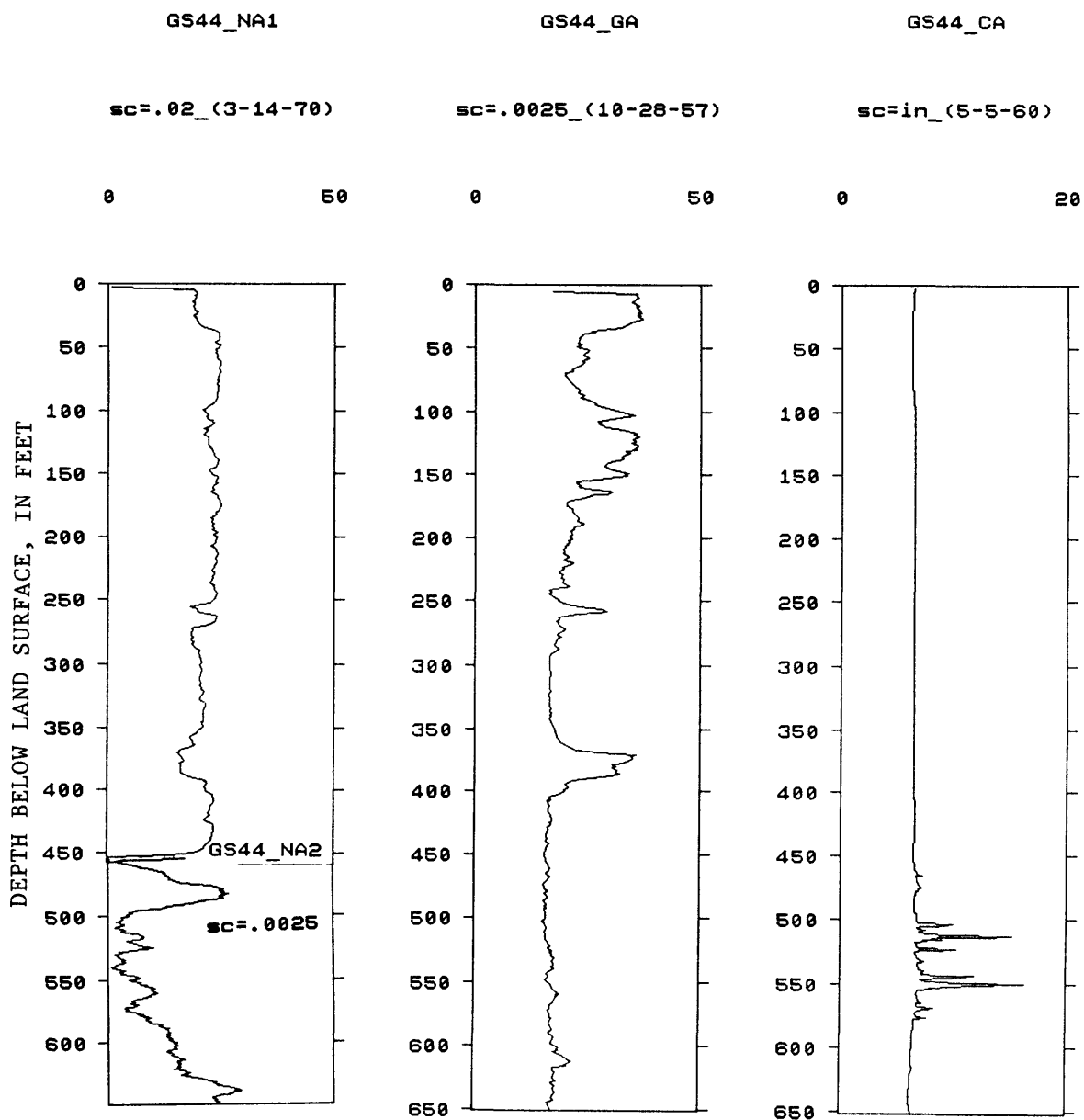


Well identifier:	USGS-43	Altitude:	4916 ft
Well location:	03N-29E-24dad2	Depth of well:	676 ft
Latitude and longitude:	433415 1125614	Depth of hole:	676 ft
Site identifier:	433415112561501	Total depth logged:	589 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5.



Remarks: Additional undigitized logs are available (see Table 1.) Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5. Neutron log shown was digitized at 2 different scales--sc=.02,.0025. Line break indicates base of upper logged interval.



Well identifier:	USGS-45	Altitude:	4920 ft
Well location:	03N-29E-24ddc1	Depth of well:	651 ft
Latitude and longitude:	433402 1125617	Depth of hole:	651 ft
Site identifier:	433402112561801	Total depth logged:	651 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5. Neutron log shown was digitized at 2 different scales--cr=2.5k,100. Line break indicates base of upper logged interval.

GS45\_NC1

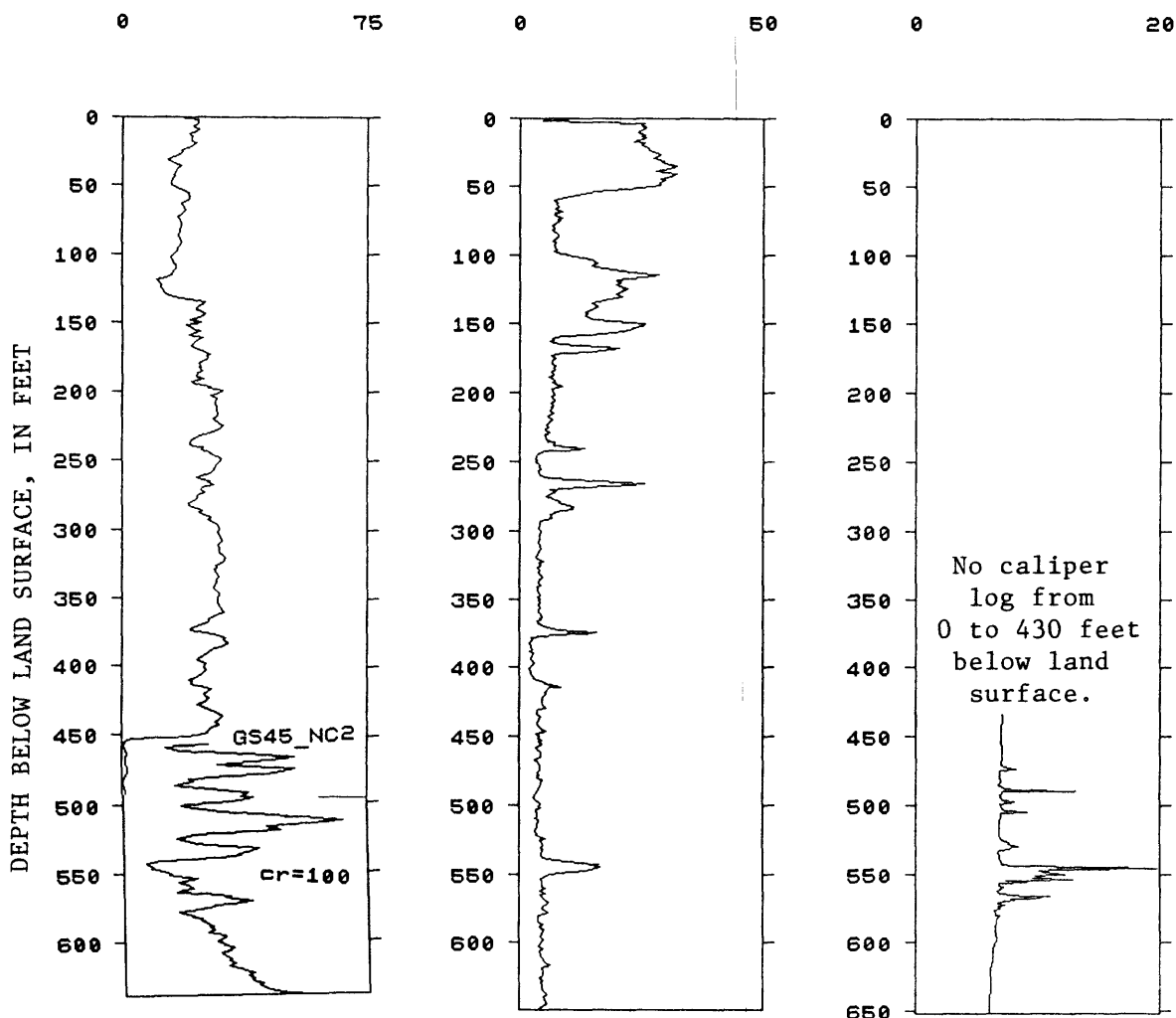
GS45\_GA

GS45\_CA

cr=2.5k\_(5-29-86)

sc=.005\_(9-1-60)

sc=in\_(12-23-60)



Well identifier:	USGS-46	Altitude:	4917 ft
Well location:	03N-29E-24dda3	Depth of well:	651 ft
Latitude and longitude:	433406 1125614	Depth of hole:	651 ft
Site identifier:	433407112561501	Total depth logged:	651 ft
County:	Butte		

Remarks: Additional undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5. Neutron log shown was digitized at 2 different scales--sc=.02,0025. Line break indicates base of upper logged interval.

GS46\_NA1

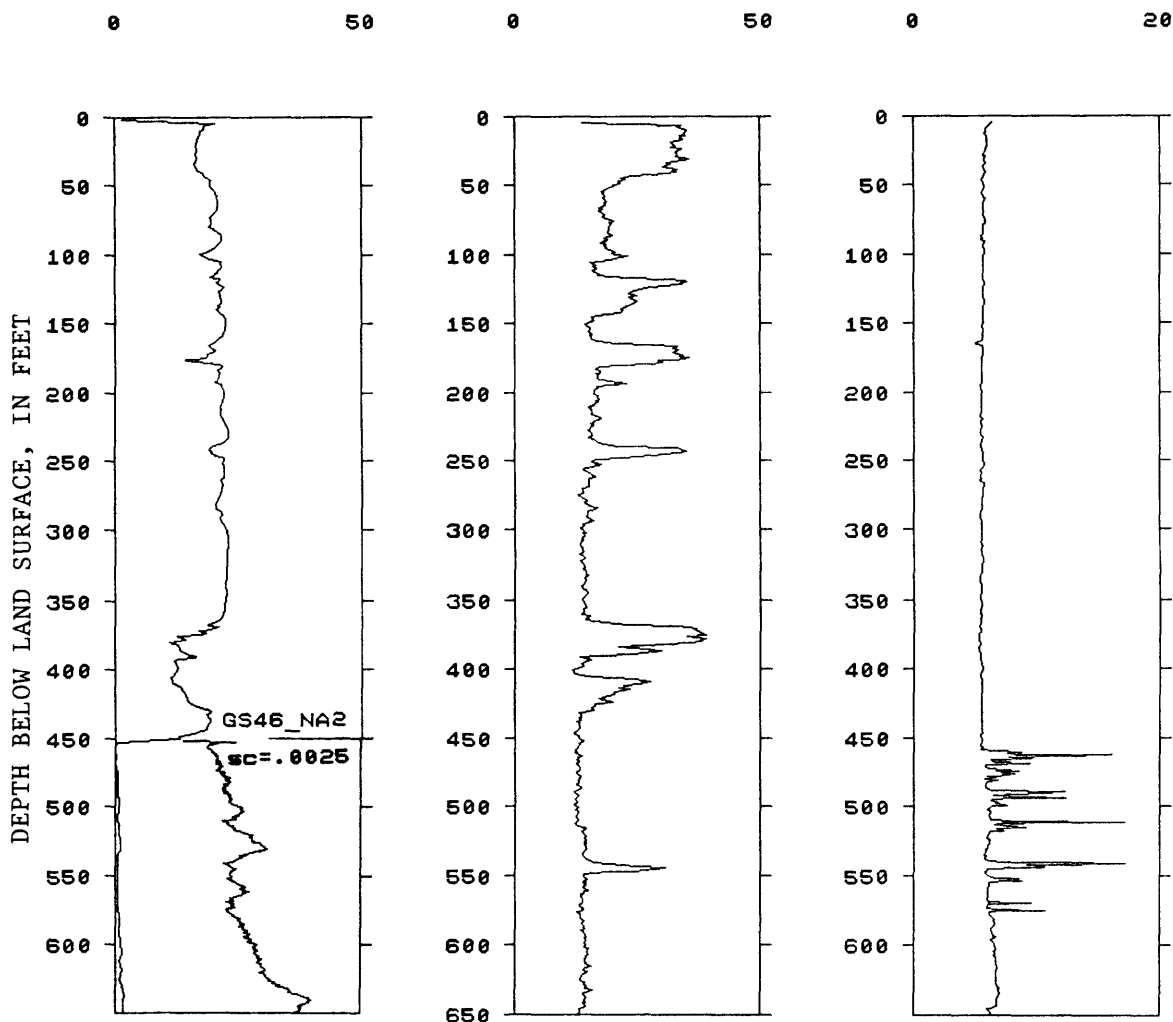
GS46\_GA

GS46\_CA

sc=.02\_(3-13-70)

sc=.005\_(8-29-60)

sc=in\_(4-11-60)



Well identifier:	USGS-47	Altitude:	4916 ft
Well location:	03N-30E-19ccb1	Depth of well:	651 ft
Latitude and longitude:	433406 1125602	Depth of hole:	651 ft
Site identifier:	433407112560301	Total depth logged:	652 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5. Neutron log shown was digitized at 2 different scales--cr=2.5k,100. Line break indicates base of upper logged interval.

GS47\_NC1

GS47\_GA

GS47\_CA

cr=2.5k\_(5-30-86)

sc=.0025\_(4-4-60)

sc=in\_(4-4-60)

0

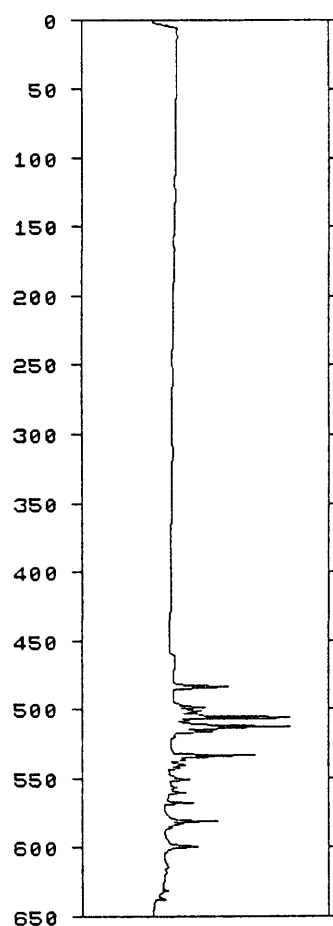
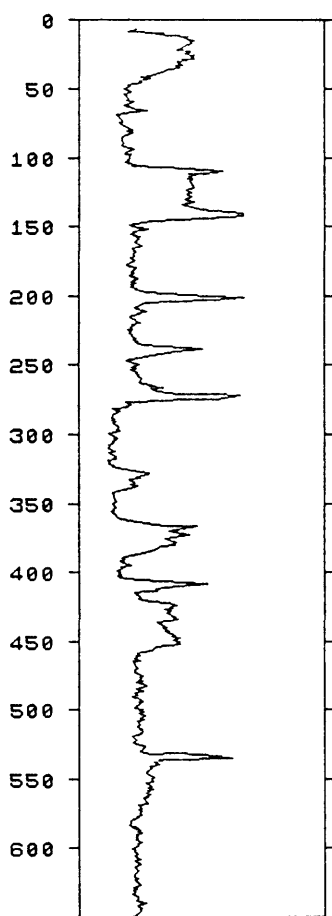
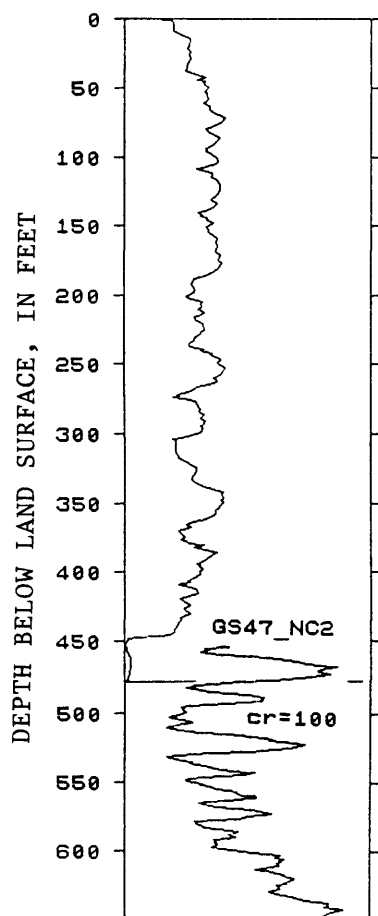
75

0

75

0

20



Well identifier:	USGS-48	Altitude:	4917 ft
Well location:	03N-30E-19ccc1	Depth of well:	750 ft
Latitude and longitude:	433401 1125602	Depth of hole:	750 ft
Site identifier:	433401112560301	Total depth logged:	750 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5. Neutron log shown was digitized at 2 different scales--cr=2.5k,100. Line break indicates base of upper logged interval.

GS48\_NC1

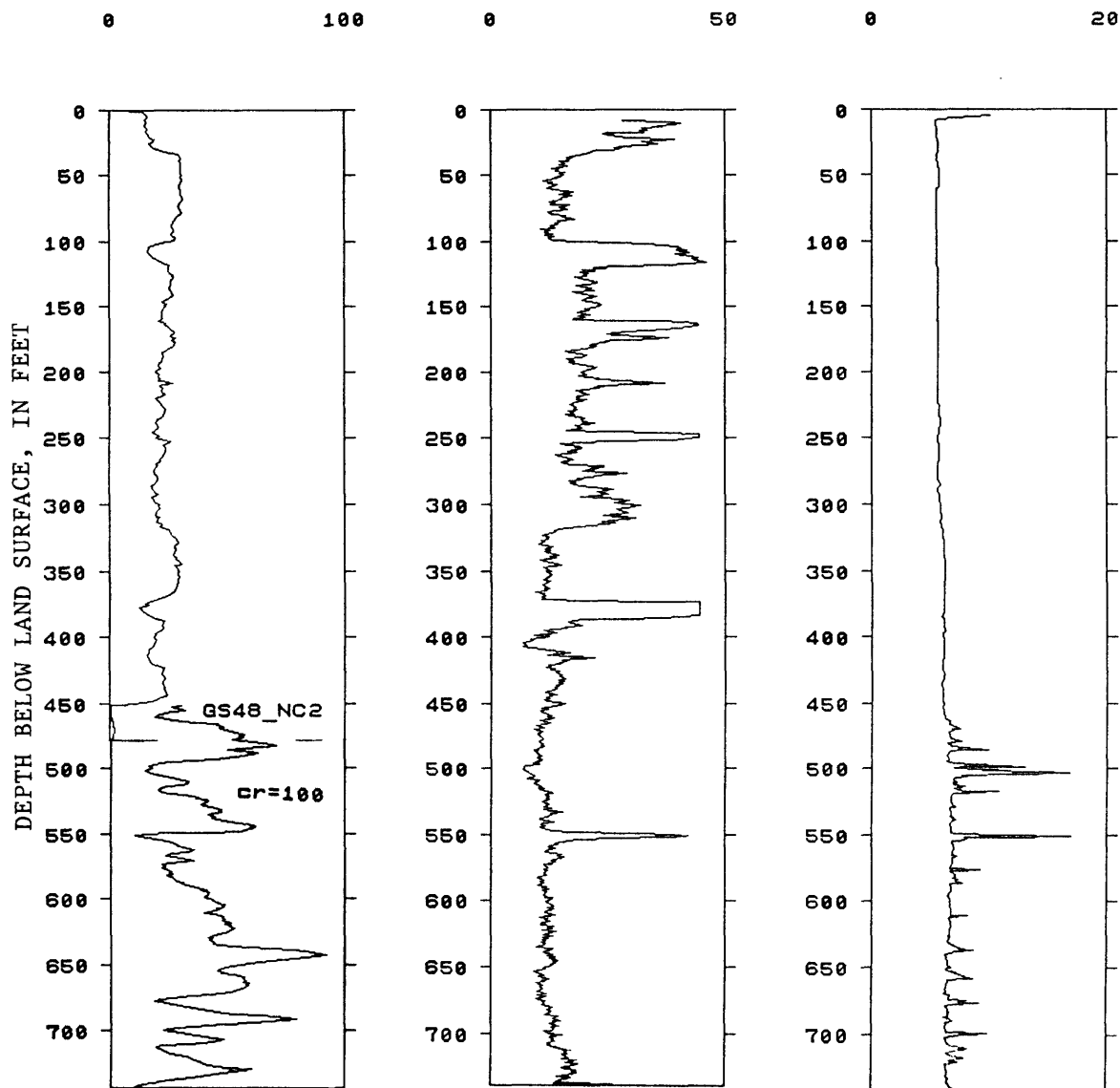
GS48\_GA

GS48\_CA

cr=2.5k\_(5-30-86)

sc=.0025\_(4-5-60)

sc=in\_(4-5-60)



Well identifier:	USGS-49	Altitude:	4913 ft
Well location:	03N-30E-19cca1	Depth of well:	656 ft
Latitude and longitude:	433403 1125553	Depth of hole:	656 ft
Site identifier:	433403112555401	Total depth logged:	640 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5. Neutron log shown was digitized at 2 different scales--sc=.02,.0025. Line break indicates base of upper logged interval.		

GS49\_NA1

GS49\_GA

GS49\_CA

sc=.02\_(3-20-70)

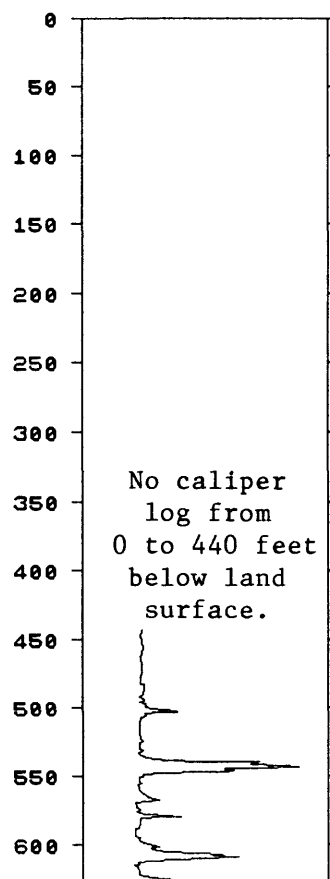
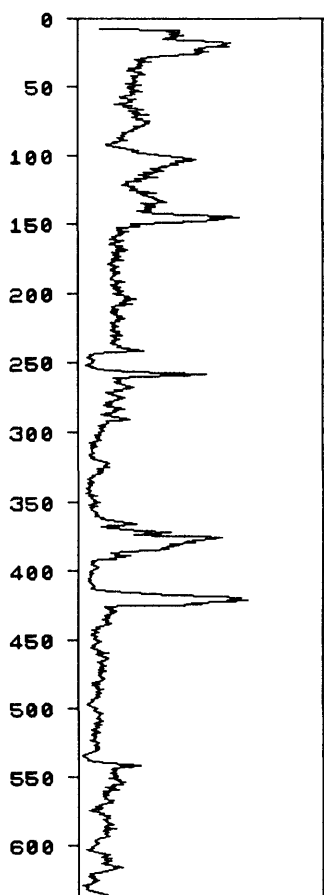
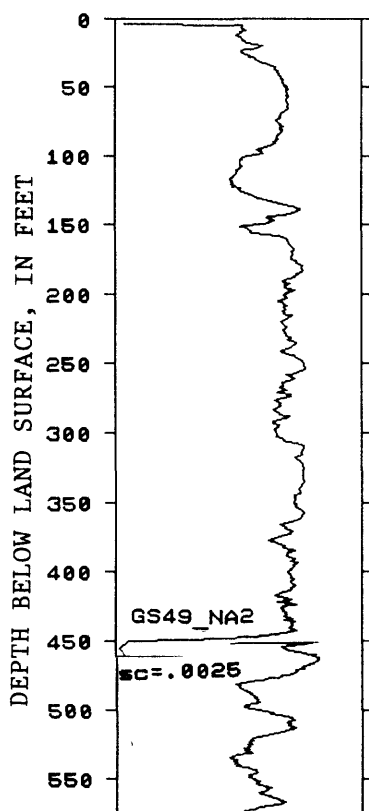
sc=.0025\_(4-6-60)

sc=in\_(8-25-60)

0 50

0 75

0 30





Well identifier:	USGS-50	Altitude:	4913 ft
Well location:	03N-30E-19cbb1	Depth of well:	405 ft
Latitude and longitude:	433419 1125601	Depth of hole:	405 ft
Site identifier:	433419112560201	Total depth logged:	399 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 5. Neutron log shown was digitized at 2 different scales--sc=.02,.0025. Line break indicates base of upper logged interval. Gamma log shown is a combination of 2 digitized logs. Line break separates GS50\_GA and GS50\_GB.

GS50\_NB1

GS50\_DB

sc=.02\_(4-1-70)

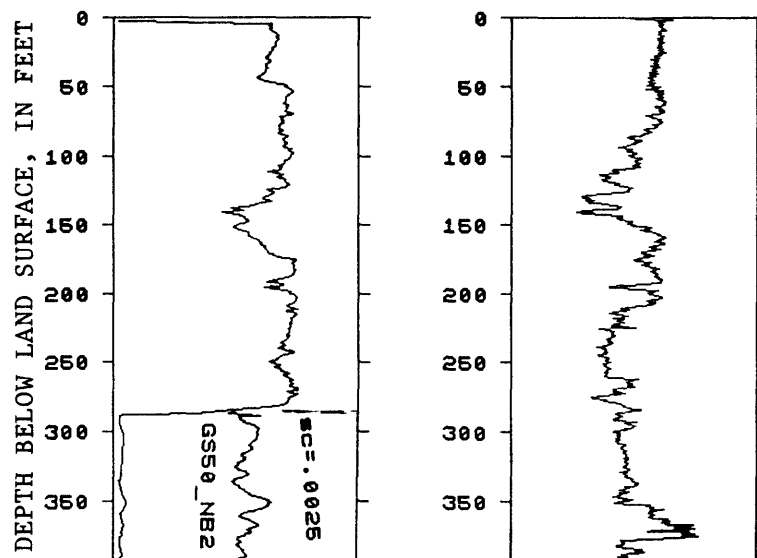
cps=100\_(2-21-63)

0

50

0

75



GS50\_GA

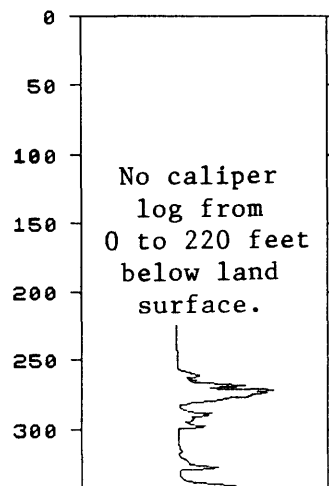
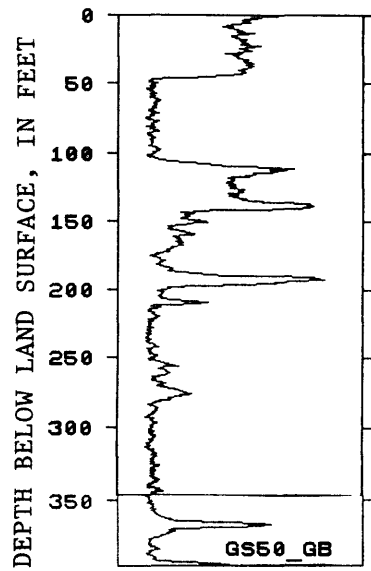
GS50\_CA

cps=1\_(10-12-62)

sc=in\_(10-12-62)

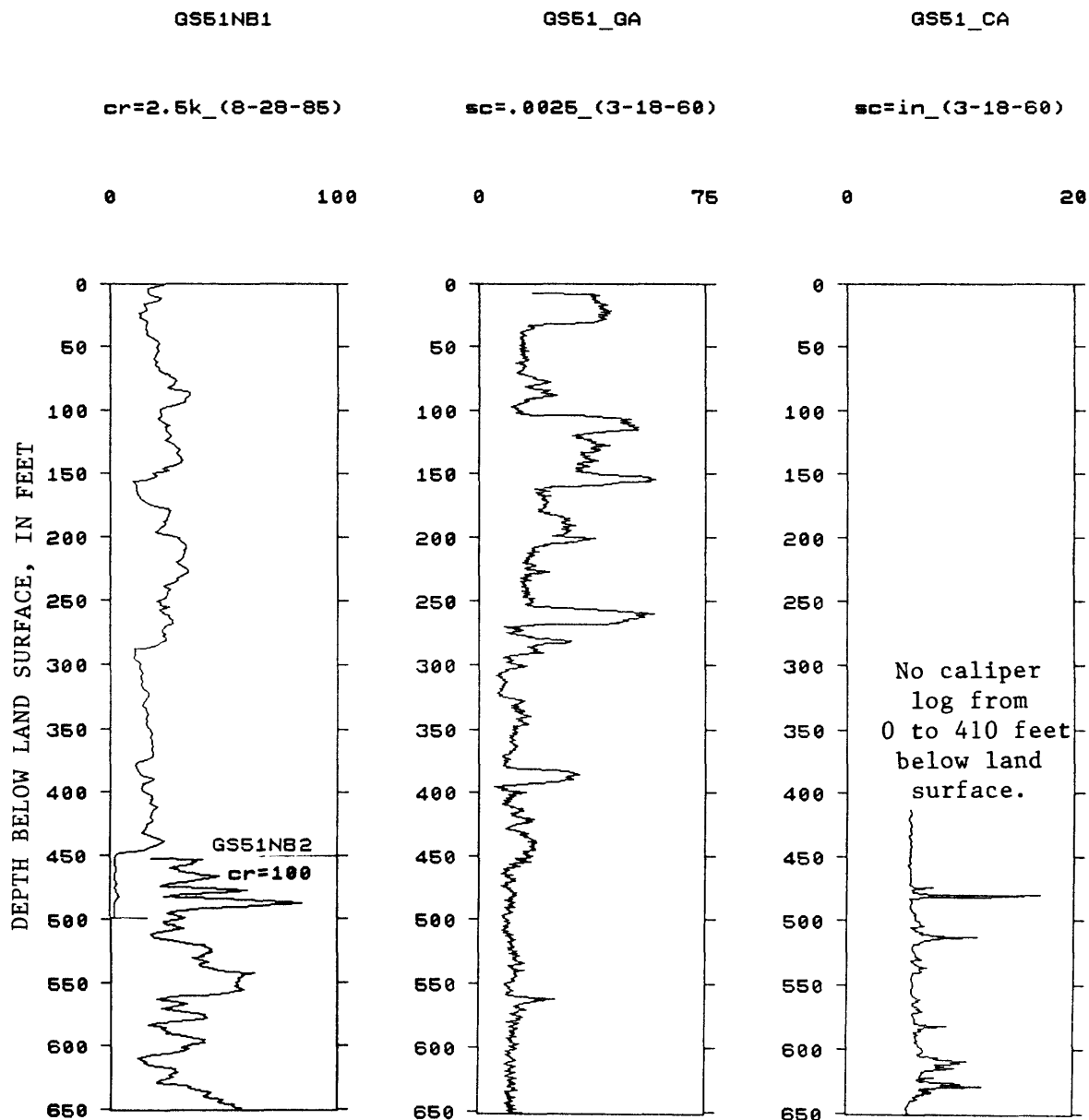
0 100

0 20



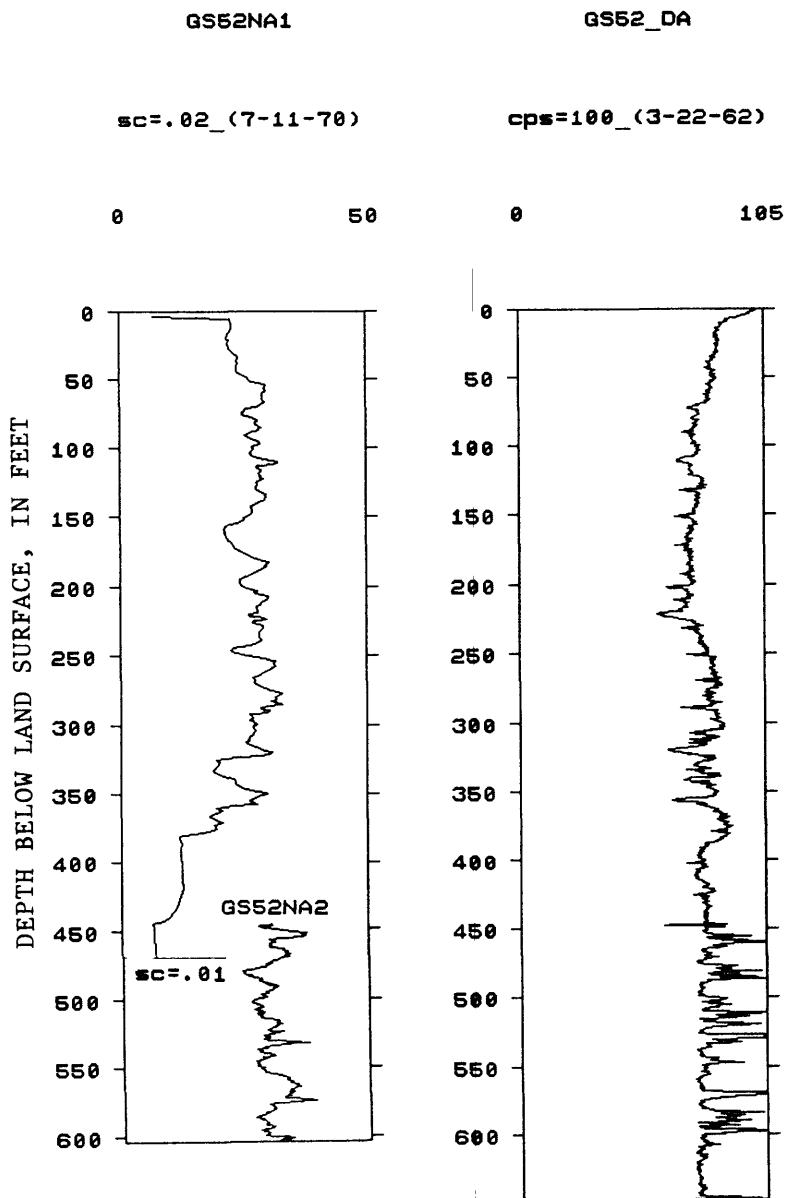
Well identifier:	USGS-51	Altitude:	4918 ft
Well location:	03N-30E-30bbb1	Depth of well:	659 ft
Latitude and longitude:	433350 1125606	Depth of hole:	659 ft
Site identifier:	433350112560601	Total depth logged:	651 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4. Neutron log shown was digitized at 2 different scales--cr=2.5k,100. Line break indicates base of upper logged interval.



Well identifier:	USGS-52	Altitude:	4910 ft
Well location:	03N-30E-19cac1	Depth of well:	650 ft
Latitude and longitude:	433414 1125542	Depth of hole:	650 ft
Site identifier:	433414112554201	Total depth logged:	655 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4. Neutron log shown was digitized at 2 different scales--sc=.02,.01. Line break indicates base of upper logged interval. Caliper log shown is a combination of 2 digitized logs. Line break separates GS52\_CA and GS52\_CB.



GS52\_GA

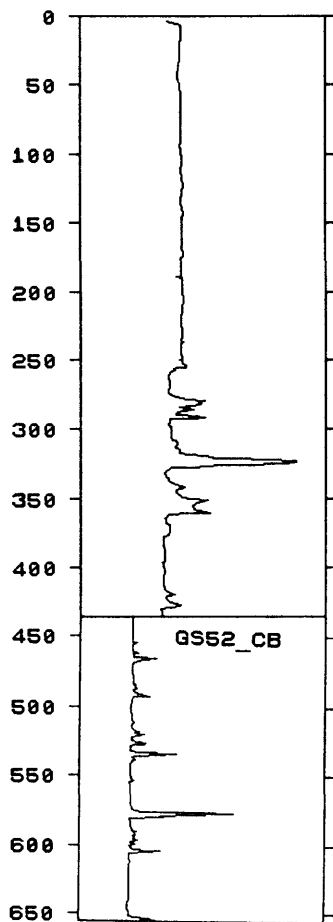
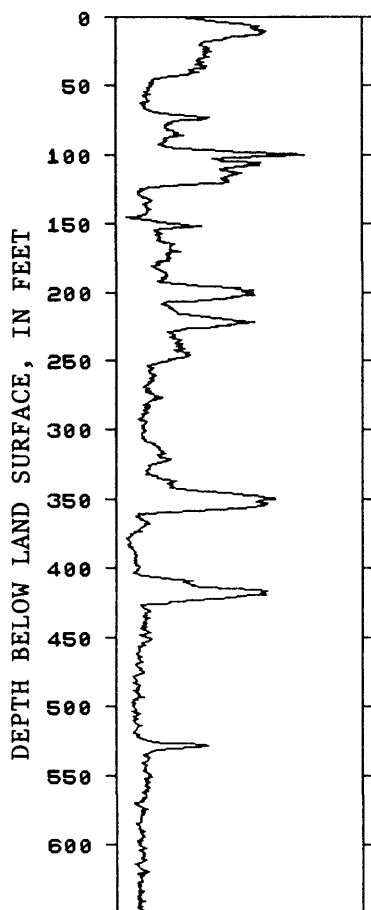
GS52\_CA

cps=3\_(3-22-62)

sc=in\_(9-30-60)

0 50

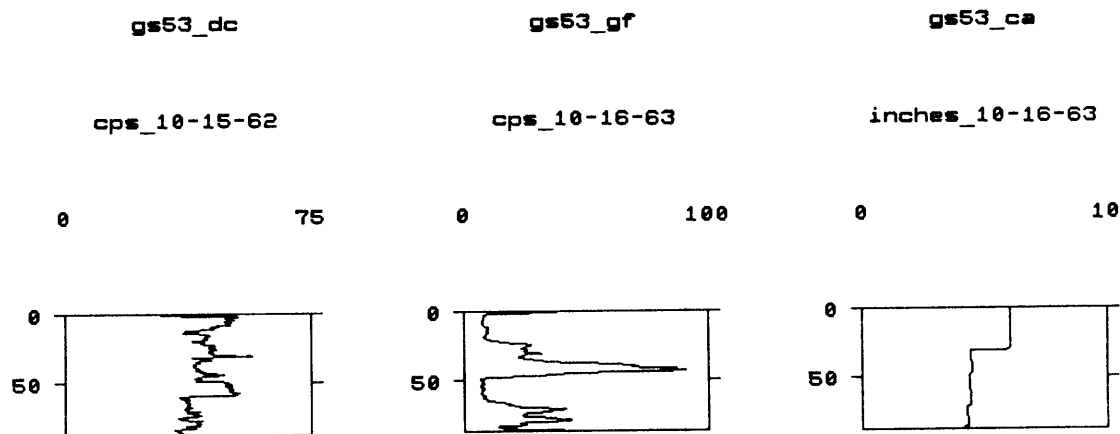
0 30



Well identifier: USGS-53                      Altitude: 4922 ft  
 Well location: 03N-29E-14dac1              Depth of well: 70 ft  
 Latitude and longitude: 433502 1125734      Depth of hole: 90 ft  
 Site identifier: 433503112573401            Total depth logged: 88 ft  
 County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and  
 processed logs are on disk 3, TRA-1p.

DEPTH BELOW LAND SURFACE, IN FEET



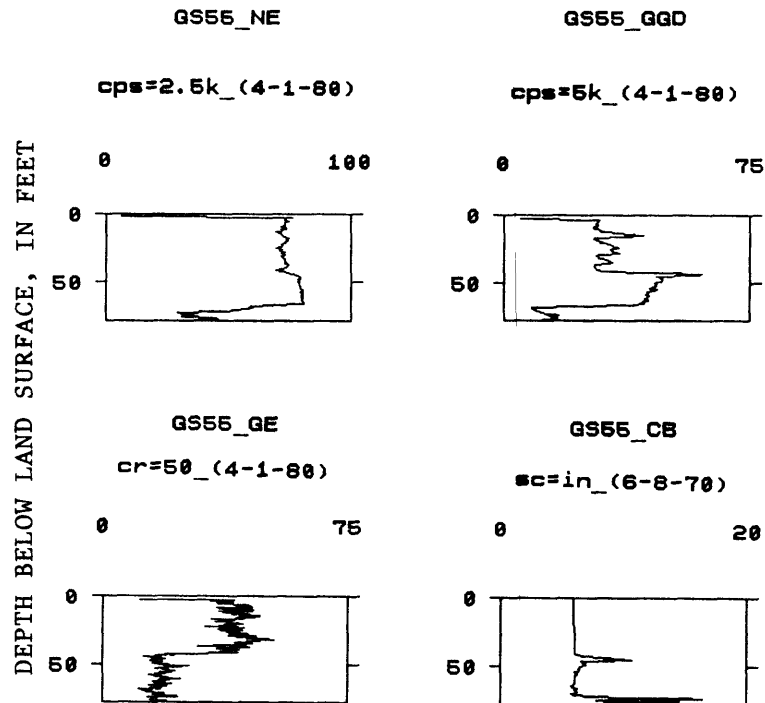
Well identifier: USGS-54                      Altitude: 4922 ft  
 Well location: 03N-29E-14dac2              Depth of well: 91 ft  
 Latitude and longitude: 433502 1125728      Depth of hole: 91 ft  
 Site identifier: 433503112572801            Total depth logged: 91 ft  
 County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and  
 processed logs are on disk 3, TRA-1p. No caliper log from 0 to 50 feet  
 below land surface.

DEPTH BELOW LAND SURFACE, IN FEET



Well identifier:	USGS-55	Altitude:	4921 ft
Well location:	03N-29E-14dab1	Depth of well:	79 ft
Latitude and longitude:	433508 1125729	Depth of hole:	79 ft
Site identifier:	433508112573001	Total depth logged:	81 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and processed logs are on disk 3, TRA-1p.		

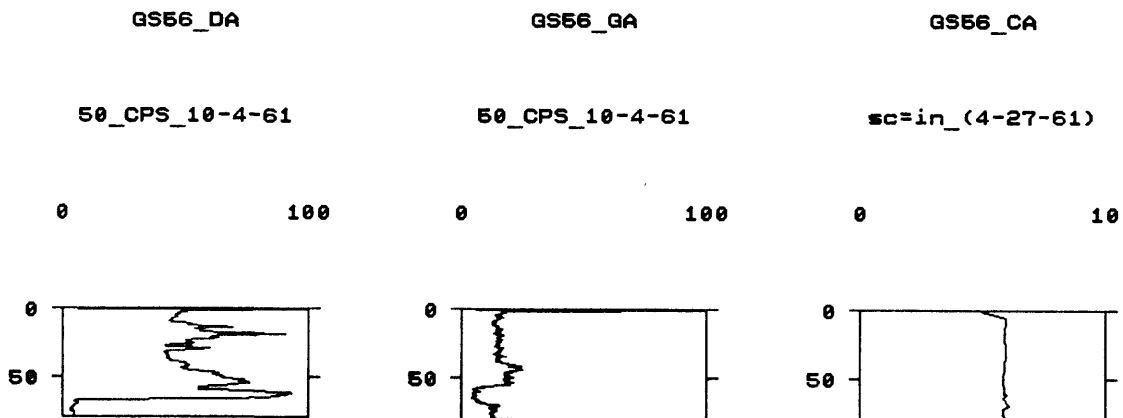




Well identifier: USGS-56                      Altitude: 4922 ft  
 Well location: 03N-29E-14dab2              Depth of well: 80 ft  
 Latitude and longitude: 433509 1125735      Depth of hole: 80 ft  
 Site identifier: 433509112573501            Total depth logged: 81 ft  
 County: Butte

Remarks: Additional undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 3, TRA-1u.  
 Digitized and processed logs are on disk 3, TRA-1p.

DEPTH BELOW LAND SURFACE, IN FEET



Well identifier:	USGS-57	Altitude:	4923 ft
Well location:	03N-29E-25abd1	Depth of well:	732 ft
Latitude and longitude:	433344 1125626	Depth of hole:	732 ft
Site identifier:	433344112562601	Total depth logged:	722 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 8. Caliper log shown is a combination of 2 digitized logs. Line break separates GS57\_CB and GS57\_CD.

GS57\_GB

GS57\_CB

sc=.005\_(9-19-60)

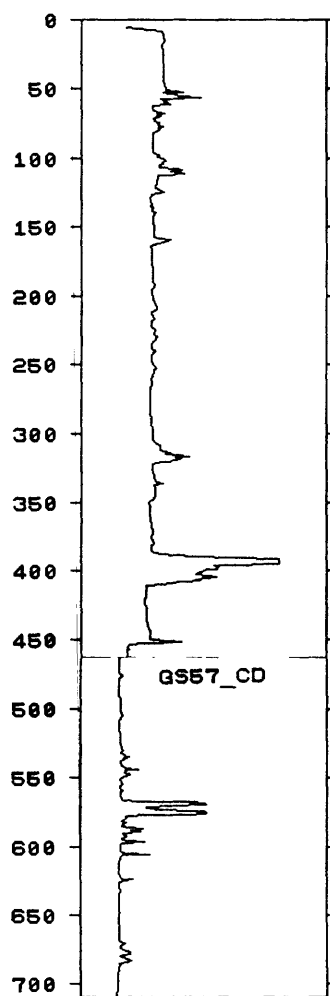
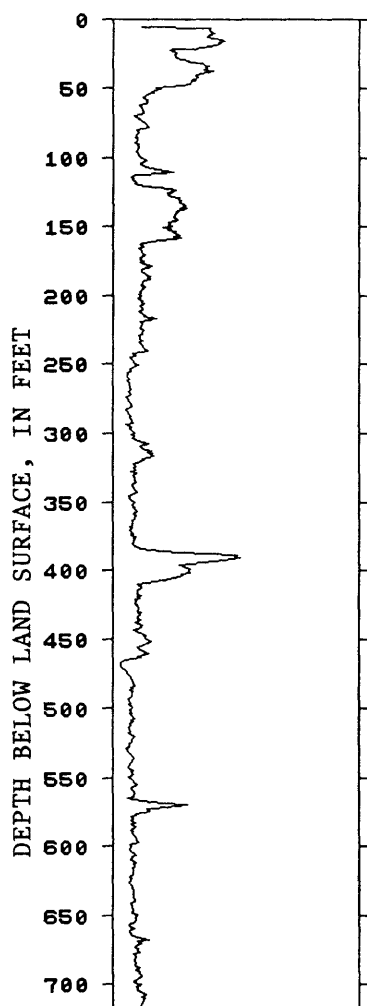
sc=in\_(8-19-60)

0

50

0

40



Well identifier:	USGS-58	Altitude:	4919 ft
Well location:	03N-29E-14dda2	Depth of well:	503 ft
Latitude and longitude:	433500 1125725	Depth of hole:	503 ft
Site identifier:	433500112572502	Total depth logged:	505 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2, 3, TRA-1u. Digitized and processed logs are on disk 3, TRA-1p. Completion well depths 2-4-61. Density log shown was digitized at 2 different scales--tcs=2,1. Line break indicates base of upper logged interval.

GS58\_NB

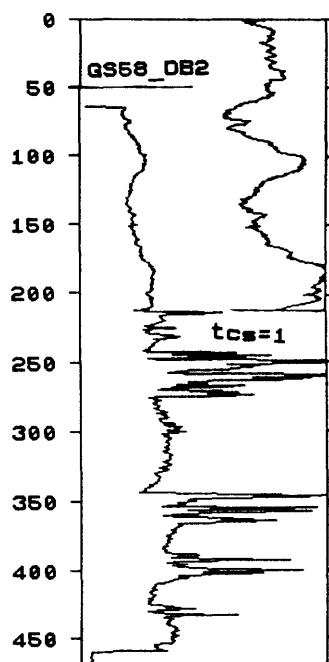
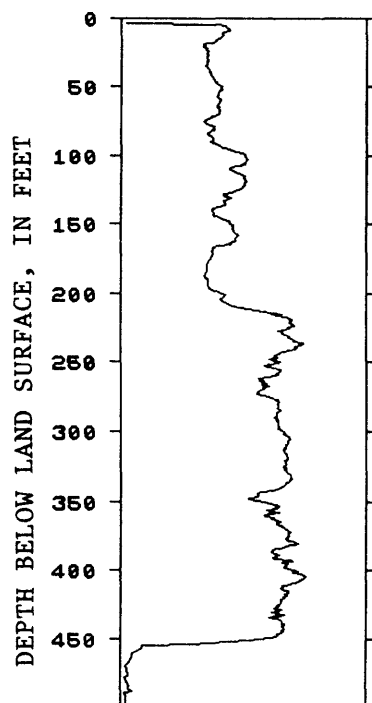
GS58\_DB1

tcs=5 (10-8-69)

tcs=2 (7-17-63)

0 50

0 105

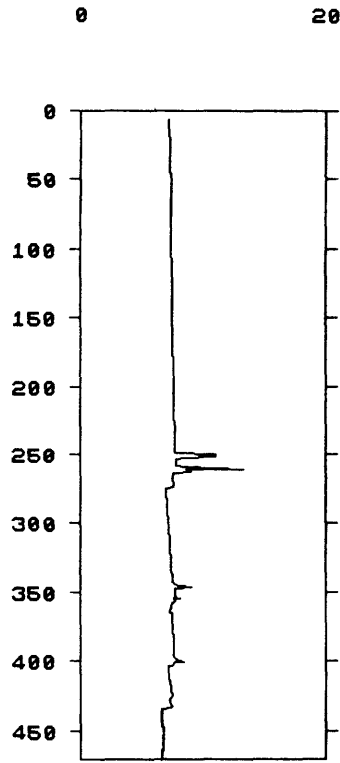
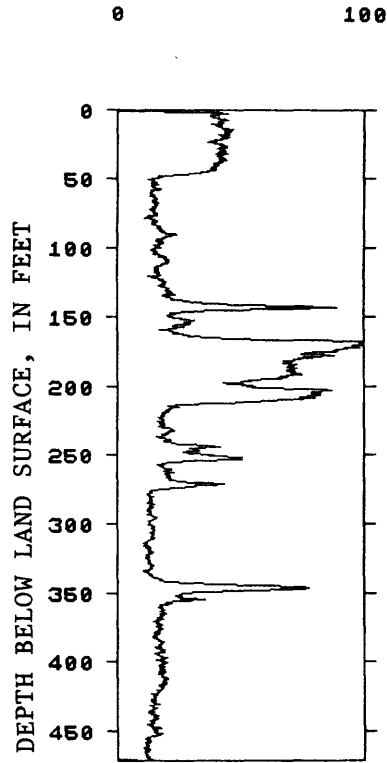


GS58\_GC

GS58\_CA

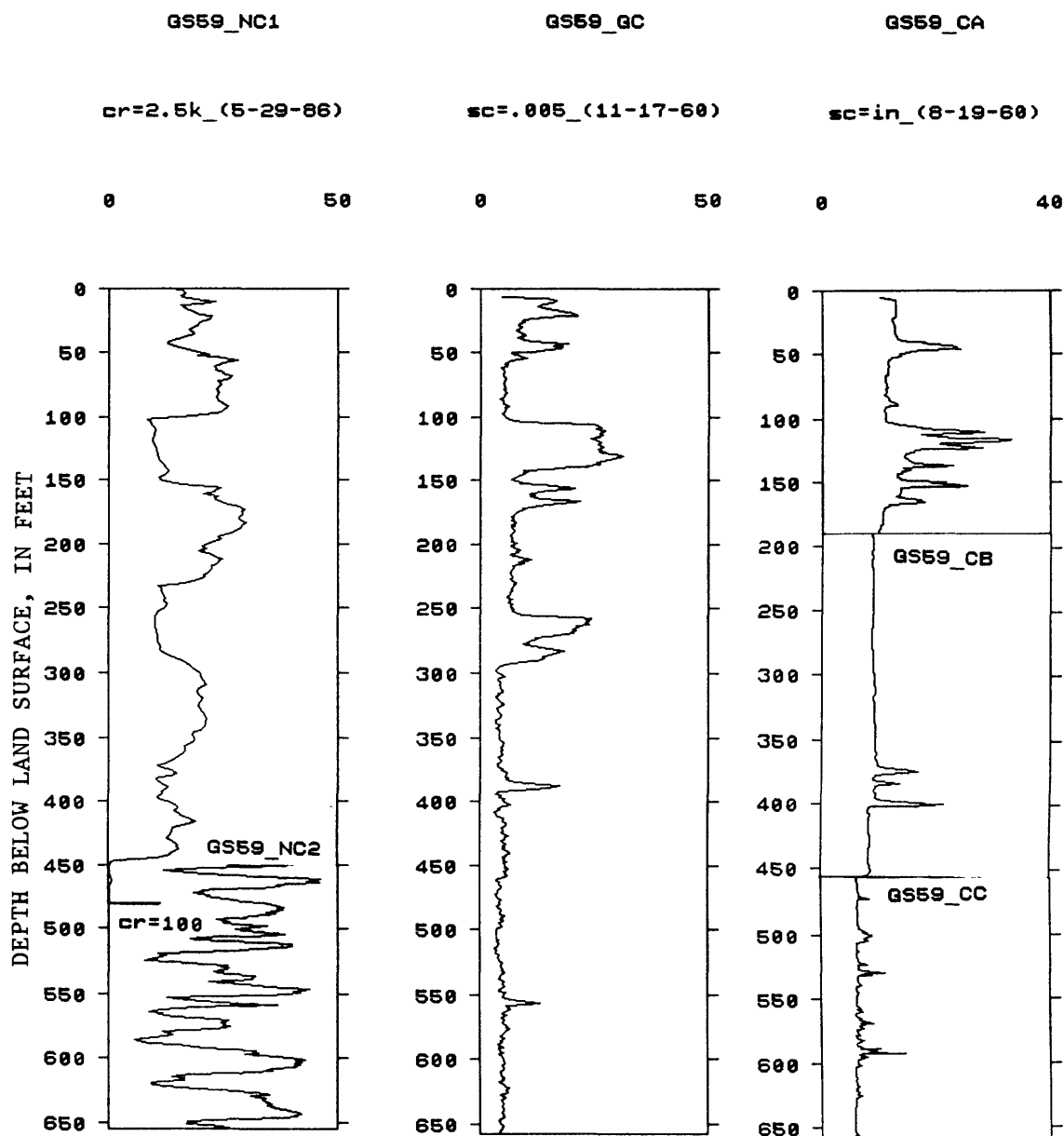
1\_CPS\_7-17-63

INCHES\_2-13-61



Well identifier:	USGS-59	Altitude:	4915 ft
Well location:	03N-30E-30bab1	Depth of well:	657 ft
Latitude and longitude:	433354 1125547	Depth of hole:	657 ft
Site identifier:	433354112554701	Total depth logged:	657 ft
County:	Butte		

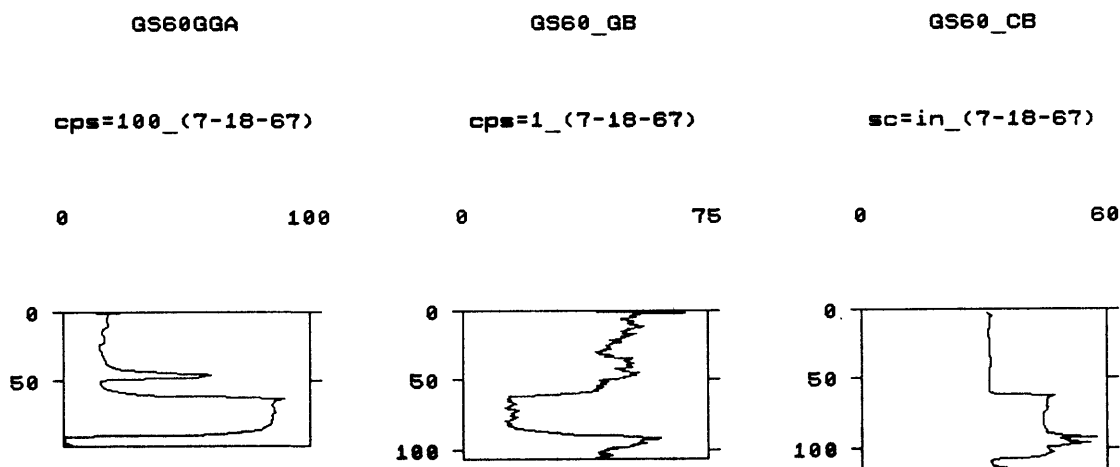
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 8. Neutron log shown was digitized at 2 different scales--cr=2.5k,100. Line break indicates base of upper logged interval. Caliper log shown is a combination of 3 digitized logs. Line breaks separate GS59\_CA, GS59\_CB, and GS59\_CC.



Well identifier: USGS-60                      Altitude: 4919 ft  
 Well location: 03N-29E-14dda3              Depth of well: 105 ft  
 Latitude and longitude: 433456 1125719      Depth of hole: 105 ft  
 Site identifier: 433456112571901            Total depth logged: 107 ft  
 County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 2, 3, TRA-1u. Digitized and  
 processed logs are on disk 3, TRA-1p.

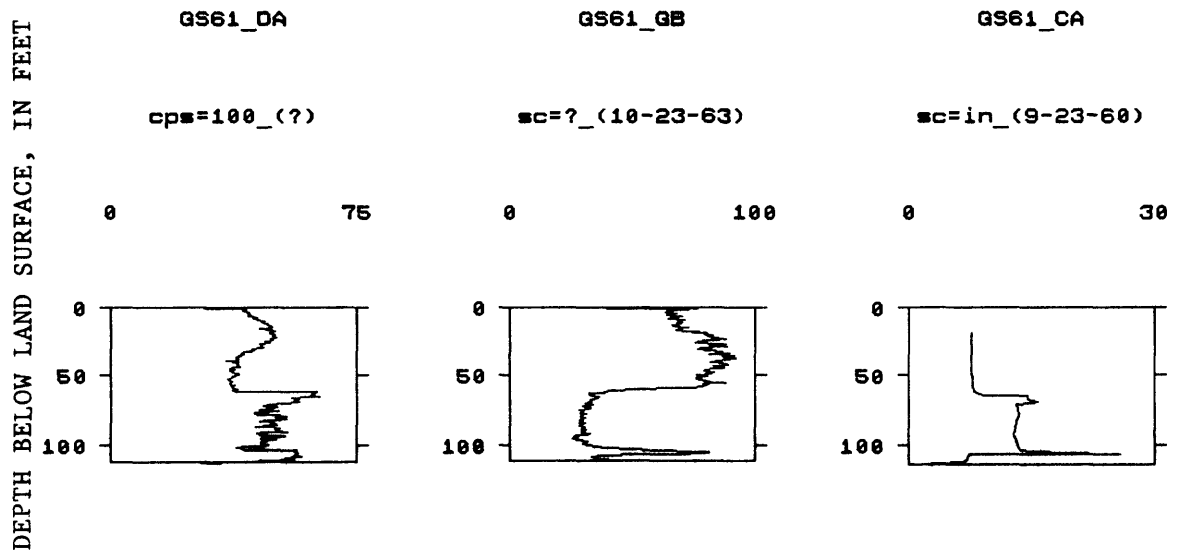
DEPTH BELOW LAND SURFACE, IN FEET



Well identifier:	USGS-61	Altitude:	4923 ft
Well location:	03N-29E-13ccc1	Depth of well:	123 ft
Latitude and longitude:	433453 1125715	Depth of hole:	123 ft
Site identifier:	433453112571501	Total depth logged:	114 ft

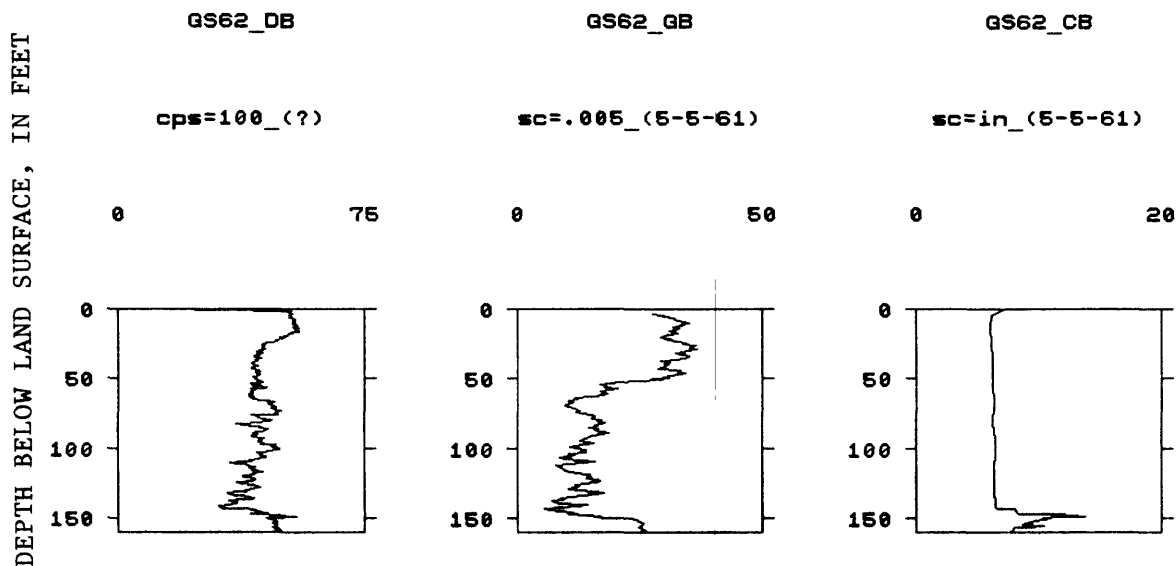
County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2, 3, TRA-1u. Digitized and processed logs are on disk 3, TRA-1p. No caliper log from 0 to 20 feet below land surface.



Well identifier: USGS-62                      Altitude: 4922 ft  
 Well location: 03N-29E-24bba1              Depth of well: 165 ft  
 Latitude and longitude: 433446 1125705      Depth of hole: 165 ft  
 Site identifier: 433446112570701            Total depth logged: 162 ft  
 County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 2, 3, TRA-1u. Digitized and  
 processed logs are on disk 3, TRA-1p.

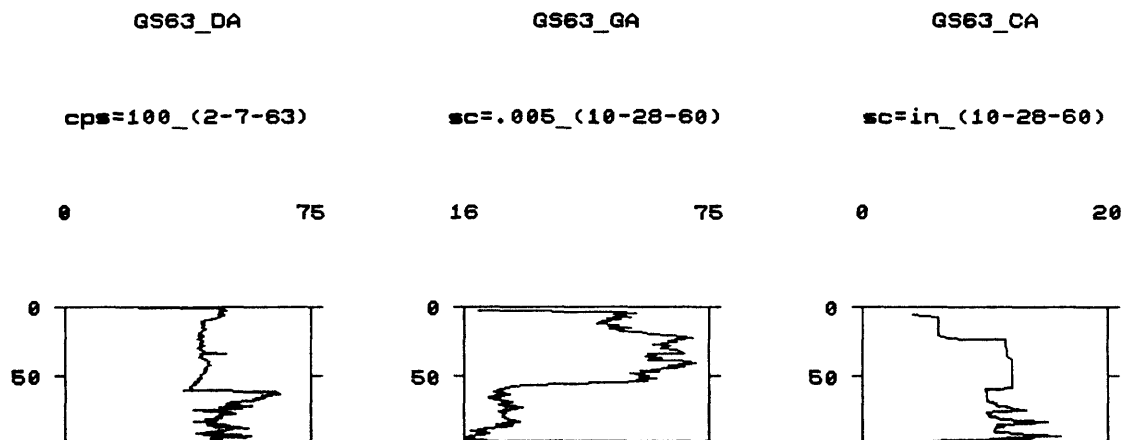




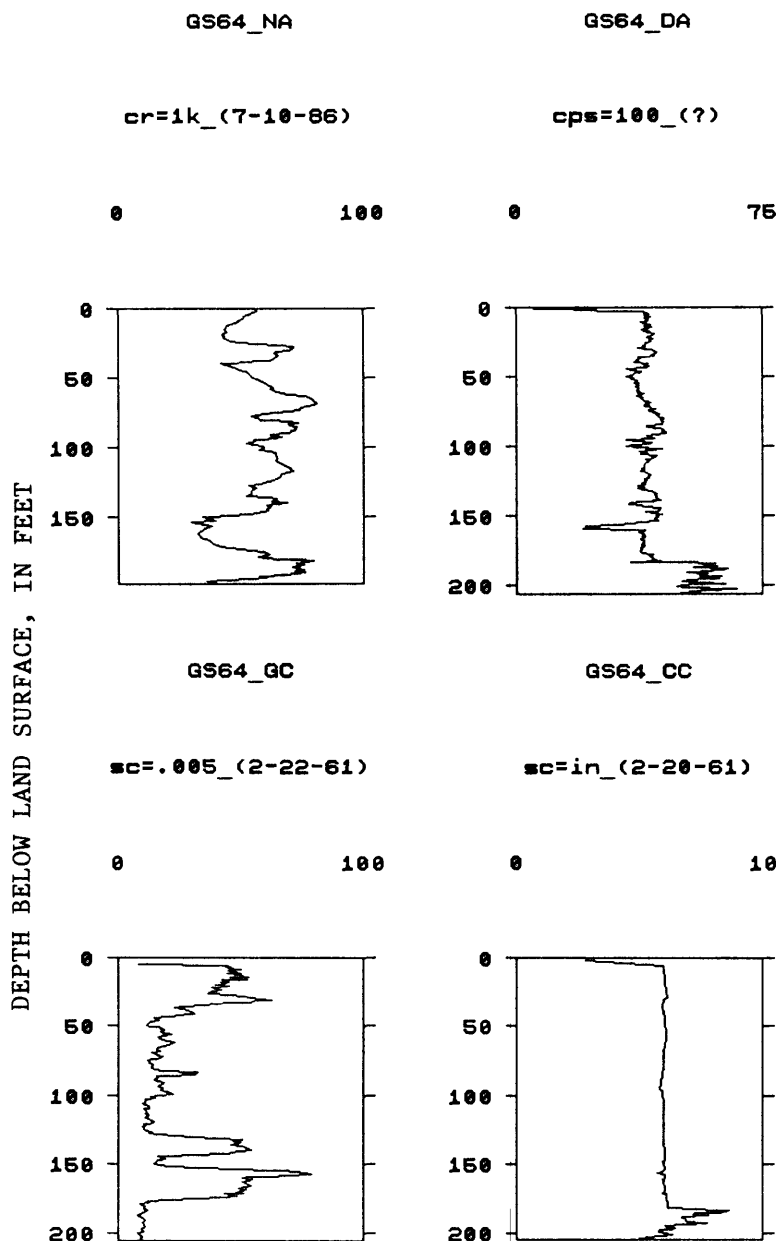
Well identifier: USGS-63                      Altitude: 4925 ft  
 Well location: 03N-29E-14dcd1              Depth of well: 97 ft  
 Latitude and longitude: 433455 1125740      Depth of hole: 97 ft  
 Site identifier: 433455112574001            Total depth logged: 98 ft  
 County: Butte

Remarks: Additional undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 2, 3, TRA-1u.  
 Digitized and processed logs are on disk 3, TRA-1p.

DEPTH BELOW LAND SURFACE, IN FEET

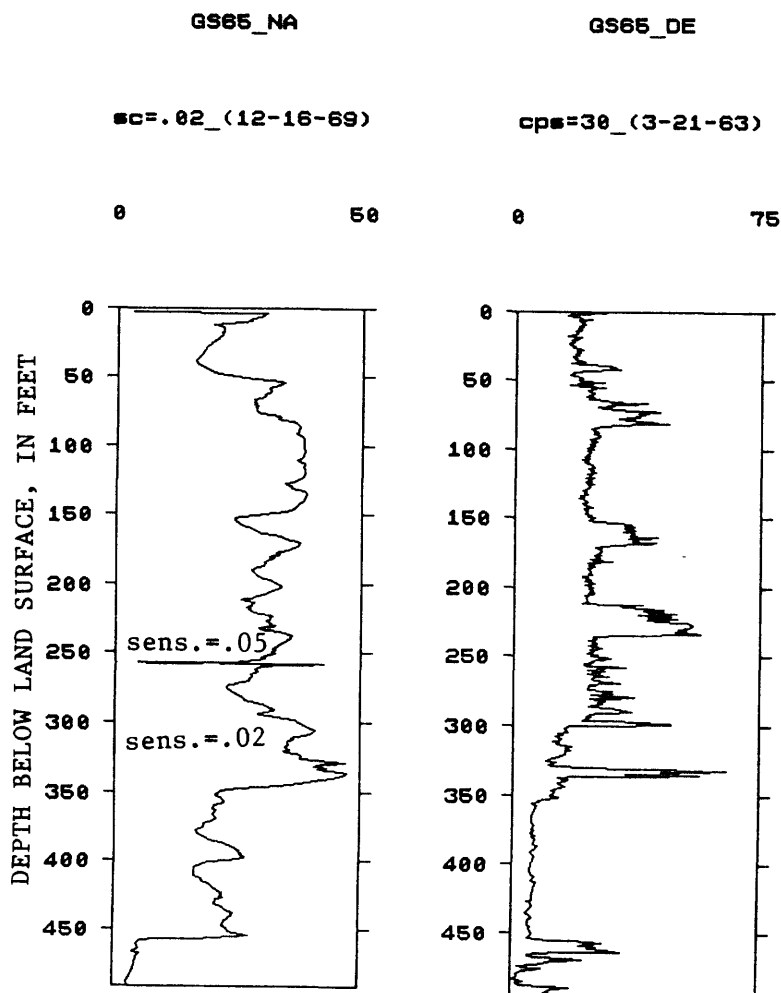


Well identifier:	USGS-64	Altitude:	4914 ft
Well location:	03N-29E-13cbb1	Depth of well:	205 ft
Latitude and longitude:	433512 1125717	Depth of hole:	205 ft
Site identifier:	433513112571801	Total depth logged:	207 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and processed logs are on disk 3, TRA-1p.		



Well identifier:	USGS-65	Altitude:	4933 ft
Well location:	03N-29E-23abb1	Depth of well:	498 ft
Latitude and longitude:	433447 1125745	Depth of hole:	498 ft
Site identifier:	433447112574501	Total depth logged:	498 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 3, TRA-1u, 10. Digitized and processed logs are on disk 3, TRA-1p, 12. Caliper log shown is a combination of 2 digitized logs. Line break separates GS65\_CA and GS65\_CB. Line breaks on neutron log indicate changes in sensitivity.



GS65\_GE

GS65\_CA

cps=1\_(10-25-62)

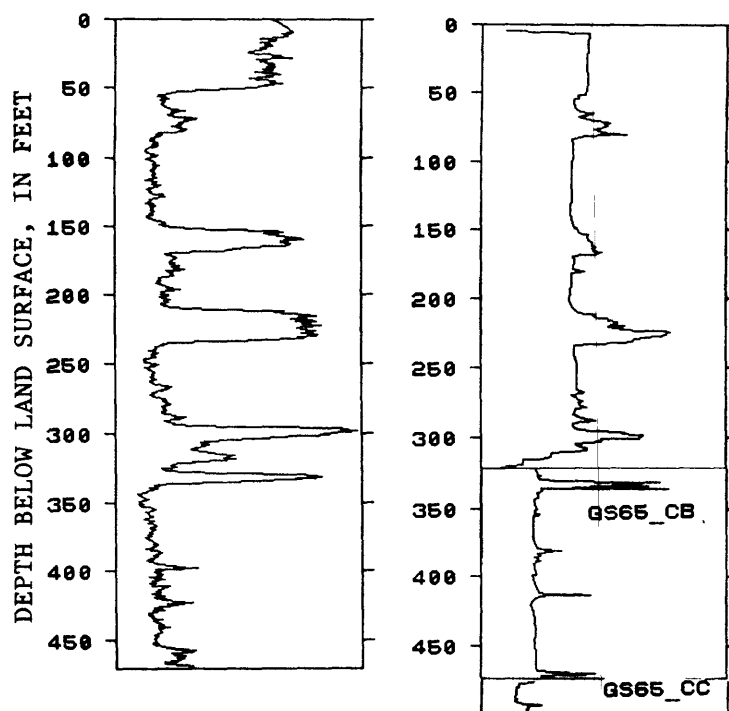
sc=in\_(11-29-60)

0

100

0

30



Well identifier:	USGS-66	Altitude:	4922 ft
Well location:	03N-29E-24bad1	Depth of well:	475 ft
Latitude and longitude:	433436 1125647	Depth of hole:	475 ft
Site identifier:	433436112564801	Total depth logged:	478 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and processed logs are on disk 3, TRA-1p. Caliper log shown is a combination of 3 digitized logs. Line breaks separate GS66\_CA, GS66\_CB, and GS66\_CC.

GS66\_NA

GS66\_DC

1000\_CPS\_7-10-86

100\_CPS\_4-13-62

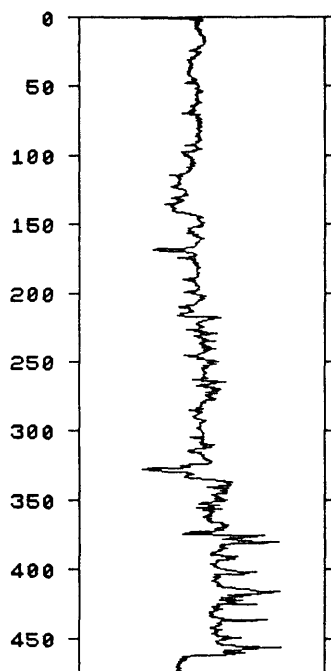
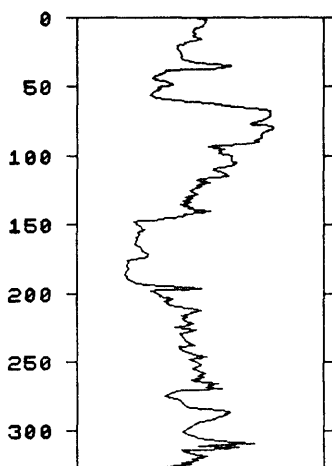
0

100

0

100

DEPTH BELOW LAND SURFACE, IN FEET



GS66\_GD

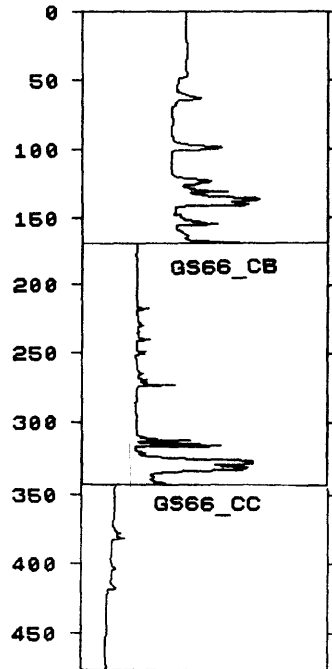
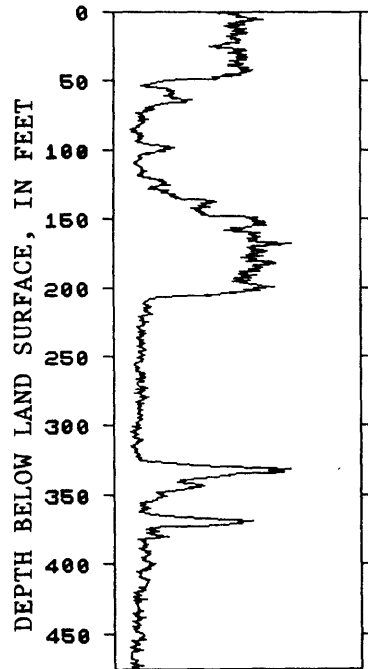
GS66\_CA

tc=2x3\_(4-13-62)

sc=in\_(12-5-60)

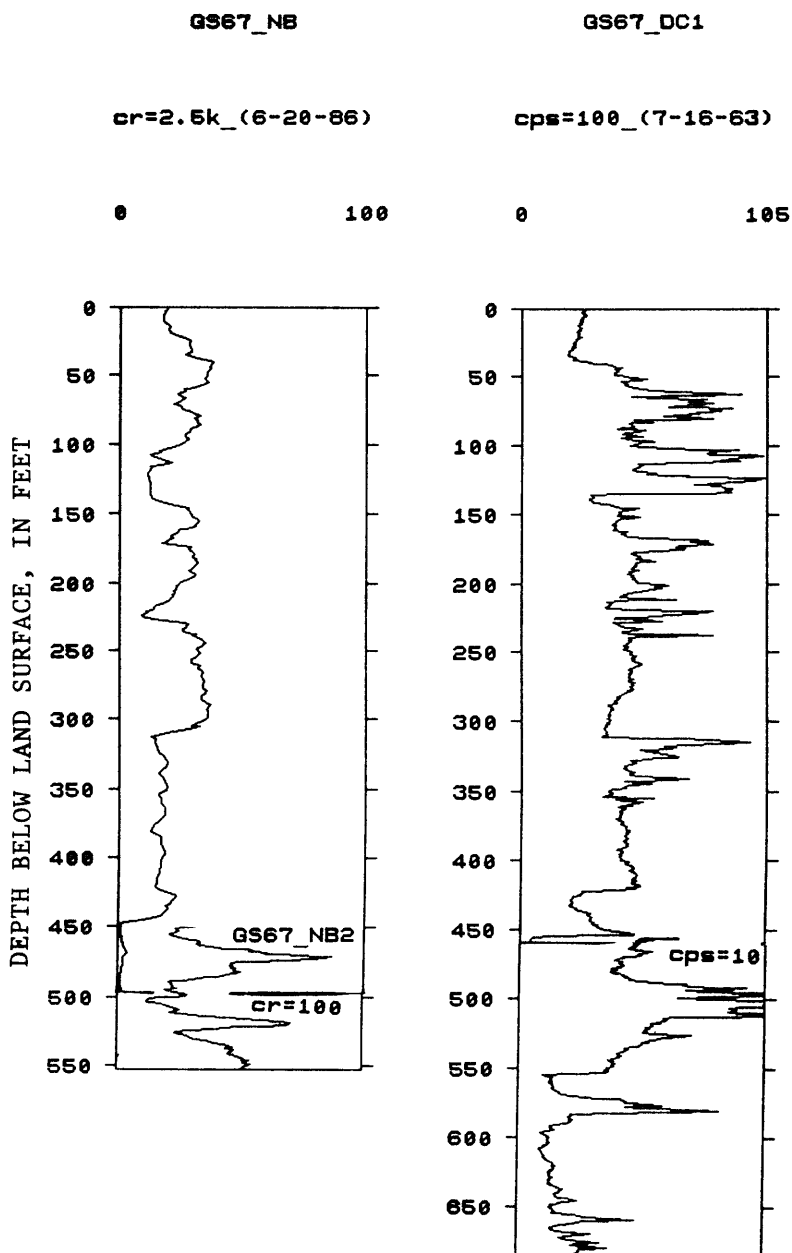
0 50

0 30



Well identifier:	USGS-67	Altitude:	4916 ft
Well location:	03N-30E-30bad1	Depth of well:	694 ft
Latitude and longitude:	433344 1125540	Depth of hole:	694 ft
Site identifier:	433344112554101	Total depth logged:	694 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 6,10. Digitized and processed logs are on disks 7,12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval. Caliper log shown is a combination of 2 digitized logs. Line break separates GS67\_CA and GS67\_CC.



GS67\_GC

GS67\_CA

cps=1\_(6-5-63)

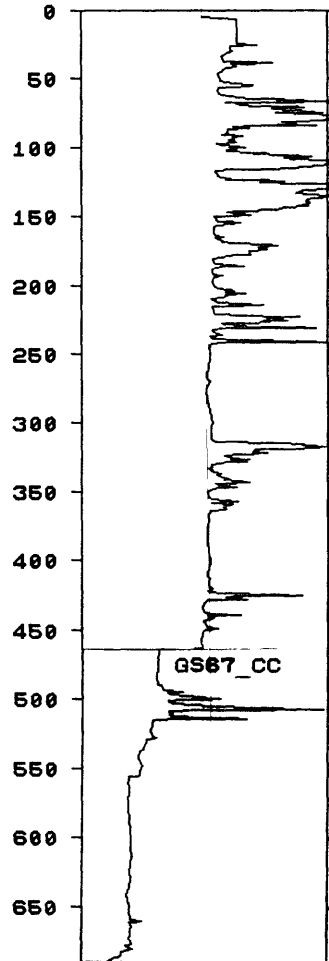
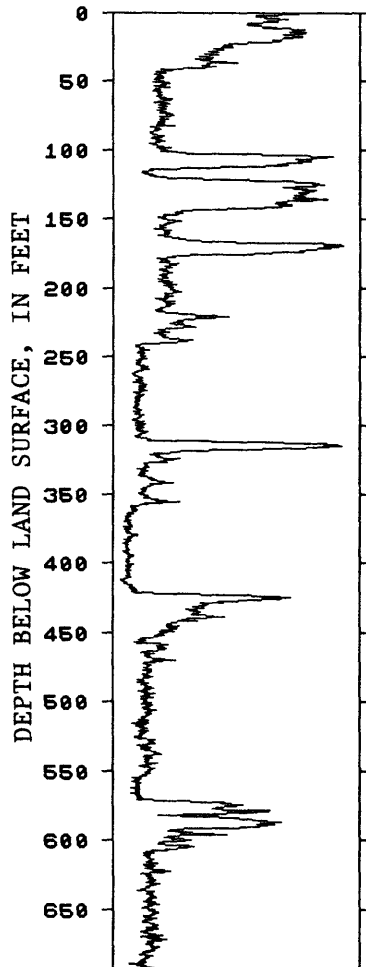
sc=in\_(1-3-61)

0

100

0

20

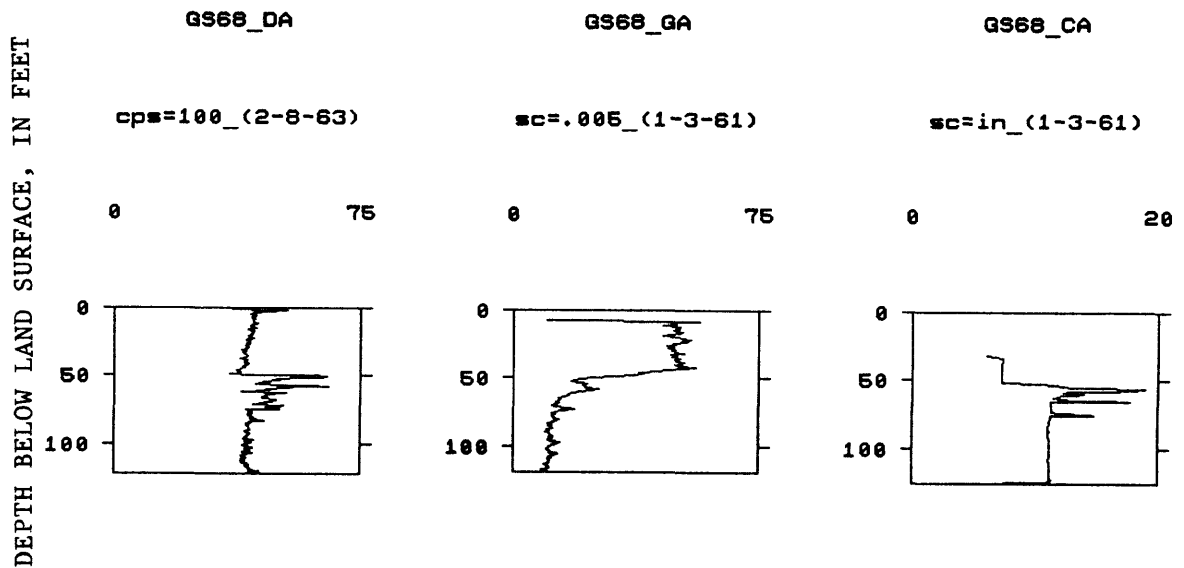


GS67\_CC



Well identifier:	USGS-68	Altitude:	4921 ft
Well location:	03N-29E-14acd2	Depth of well:	128 ft
Latitude and longitude:	433515 1125740	Depth of hole:	128 ft
Site identifier:	433516112573901	Total depth logged:	124 ft
County:	Butte		

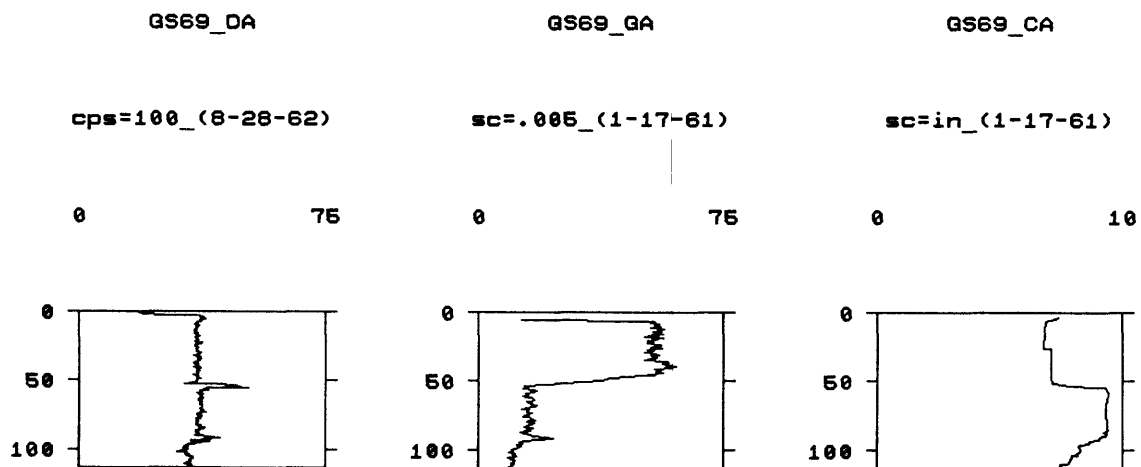
Remarks: Additional undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and processed logs are on disk 3, TRA-1p. No caliper log from 0 to 30 feet below land surface.



Well identifier:	USGS-69	Altitude:	4924 ft
Well location:	03N-29E-14ddc1	Depth of well:	115 ft
Latitude and longitude:	433450 1125729	Depth of hole:	115 ft
Site identifier:	433450112573001	Total depth logged:	117 ft
County:	Butte		

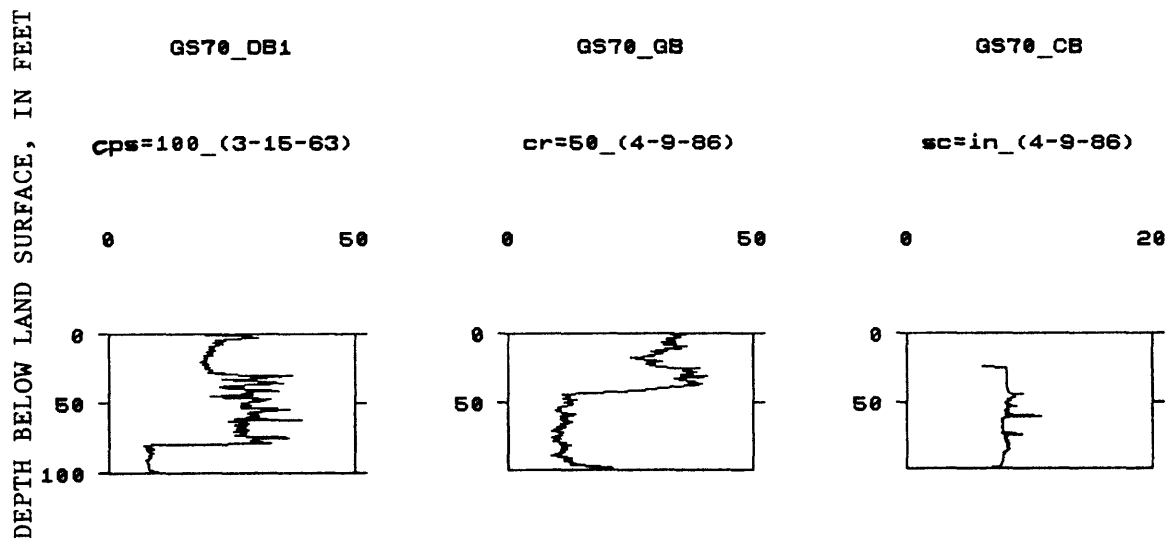
Remarks: Additional undigitized logs are available (see Table 1).  
Digitized and unprocessed logs are on disk 3, TRA-1u.  
Digitized and processed logs are on disk 3, TRA-1p.

DEPTH BELOW LAND SURFACE, IN FEET

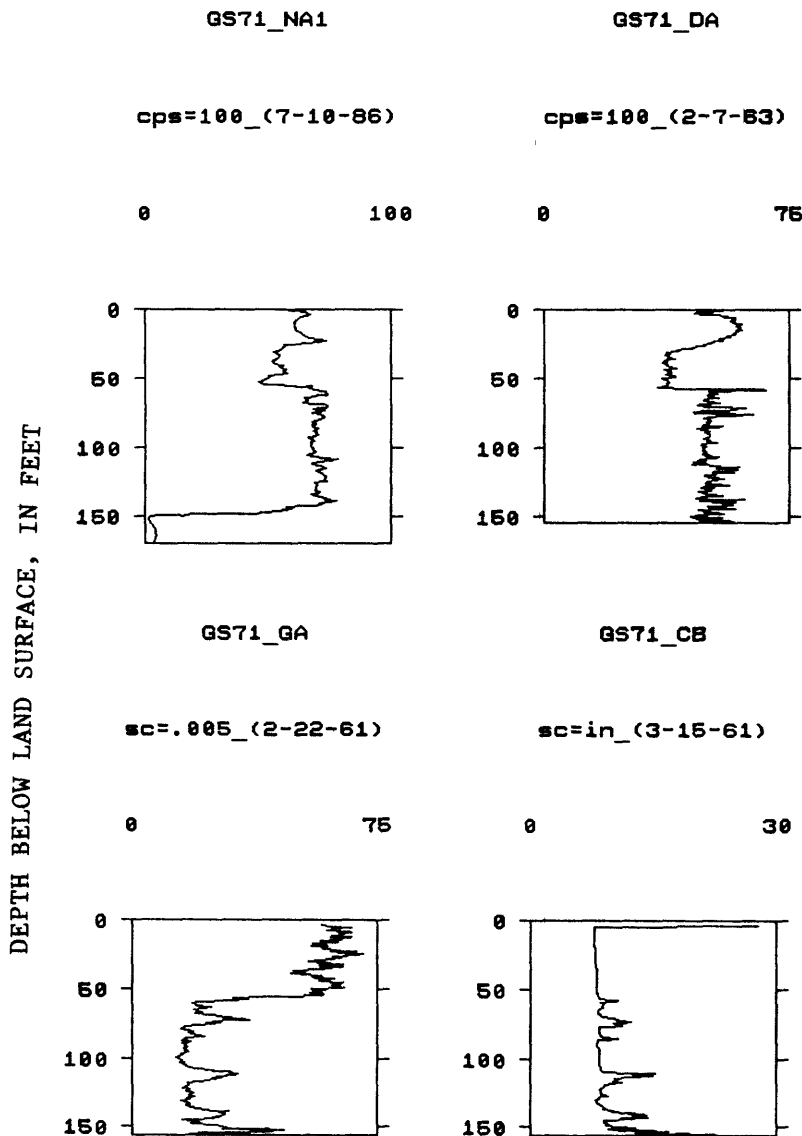


Well identifier:	USGS-70	Altitude:	4918 ft
Well location:	03N-29E-13cbc1	Depth of well:	100 ft
Latitude and longitude:	433504 1125710	Depth of hole:	100 ft
Site identifier:	433504112571001	Total depth logged:	100 ft
County:	Butte		

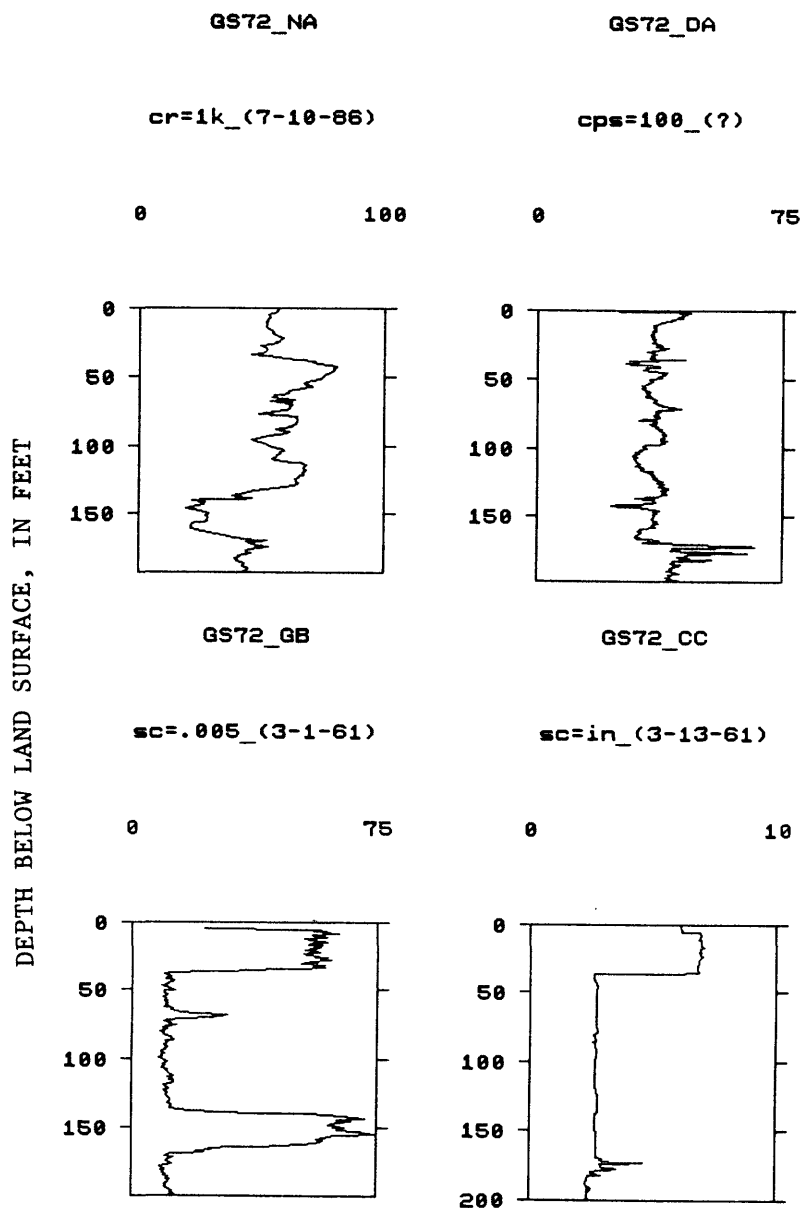
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and processed logs are on disk 3, TRA-1p.



Well identifier:	USGS-71	Altitude:	4925 ft
Well location:	03N-29E-24bbc1	Depth of well:	184 ft
Latitude and longitude:	433440 1125714	Depth of hole:	184 ft
Site identifier:	433439112571501	Total depth logged:	171 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and processed logs are on disk 3, TRA-1p.		



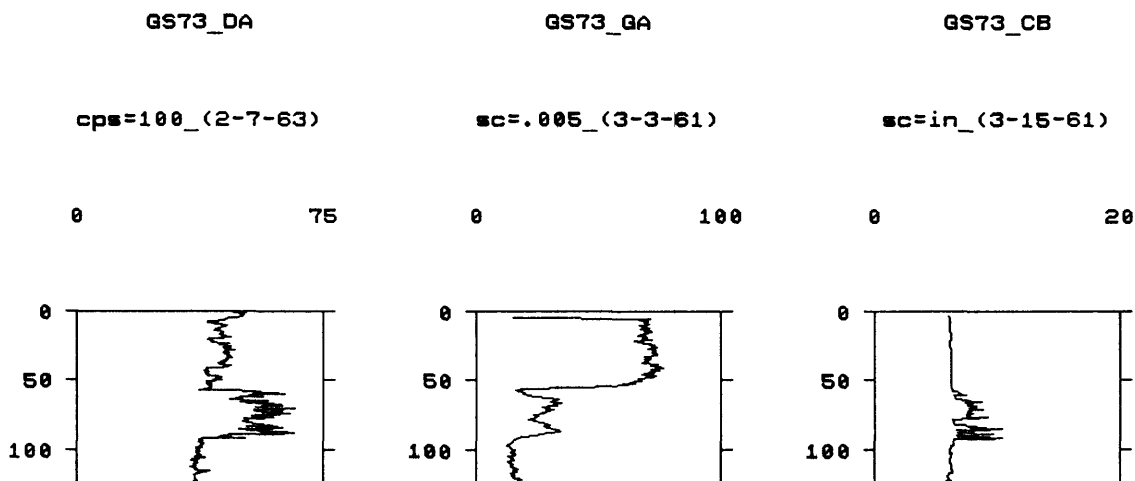
Well identifier:	USGS-72	Altitude:	4921 ft
Well location:	03N-29E-14acc1	Depth of well:	200 ft
Latitude and longitude:	433519 1125747	Depth of hole:	200 ft
Site identifier:	433519112574601	Total depth logged:	200 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and processed logs are on disk 3, TRA-1p.		



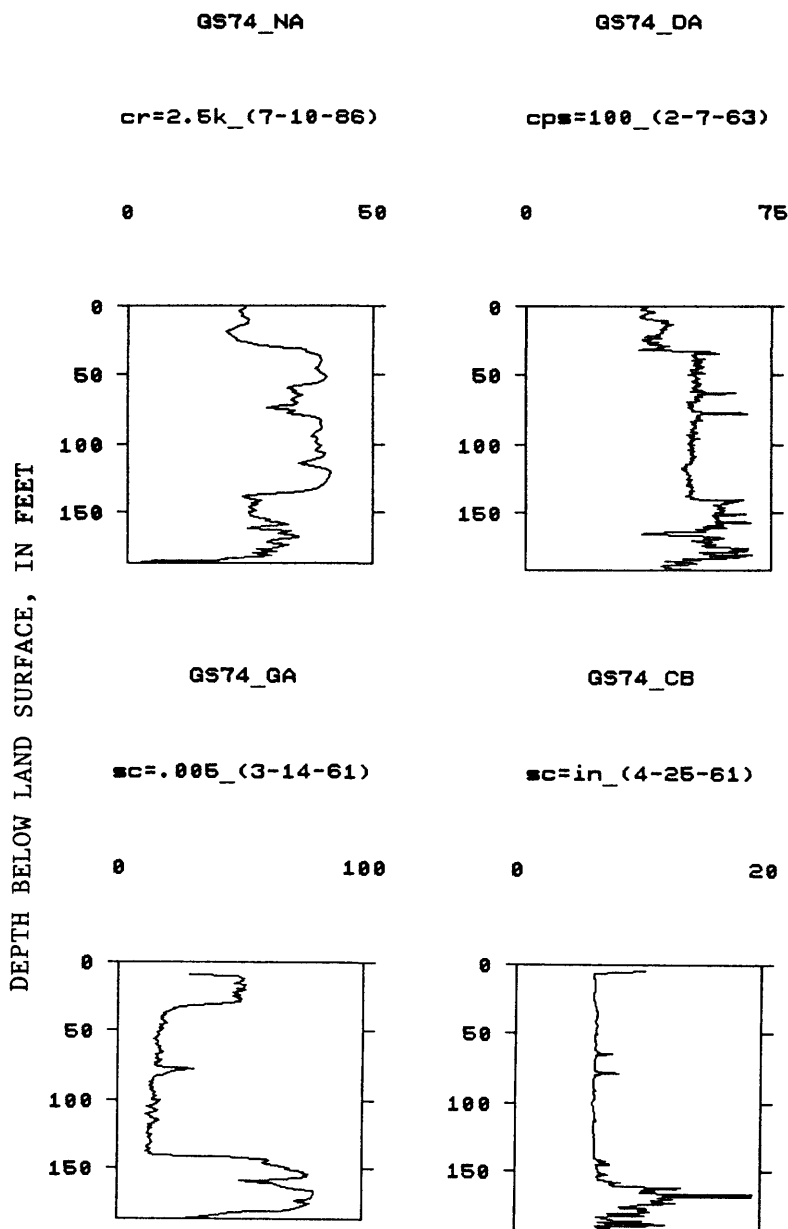
Well identifier: USGS-73                      Altitude: 4928 ft  
 Well location: 03N-29E-14dcb1              Depth of well: 127 ft  
 Latitude and longitude: 433501 1125753      Depth of hole: 127 ft  
 Site identifier: 433502112575401            Total depth logged: 126 ft  
 County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and  
 processed logs are on disk 3, TRA-1p.

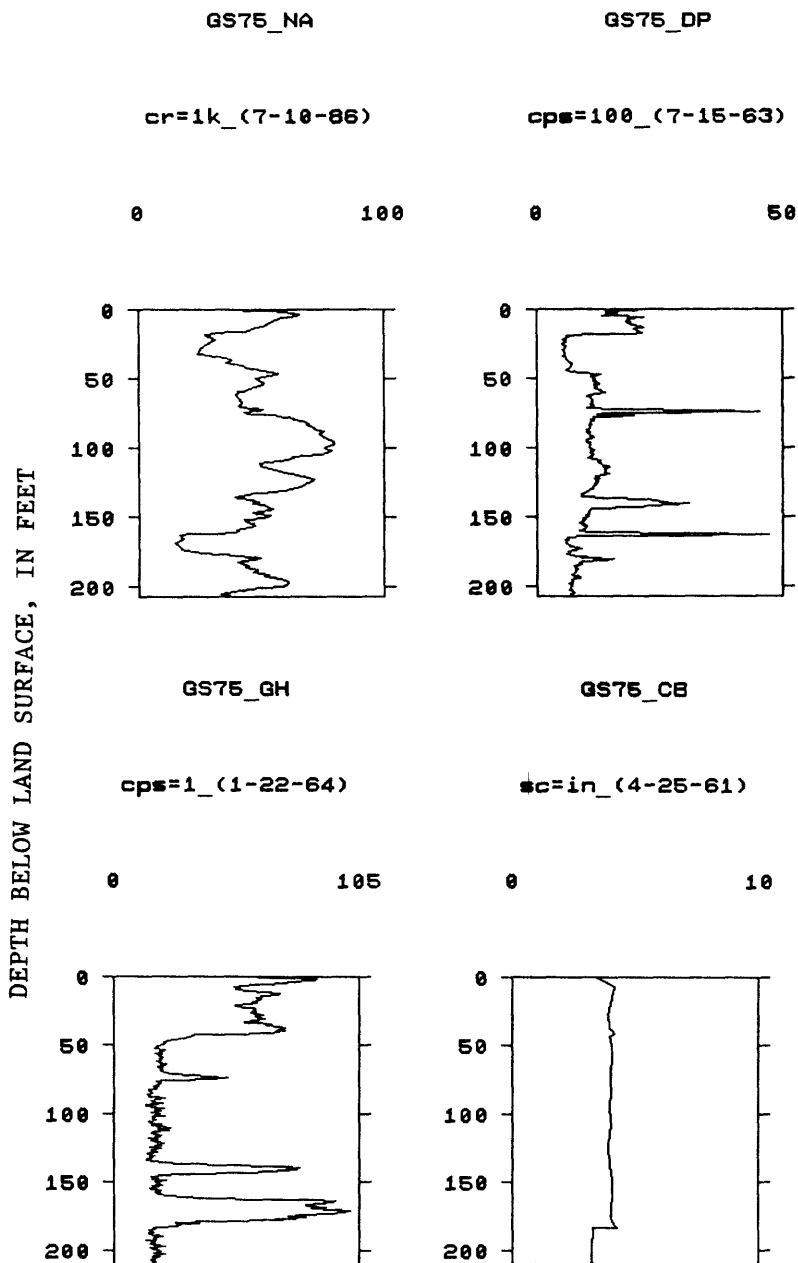
DEPTH BELOW LAND SURFACE, IN FEET



Well identifier:	USGS-74	Altitude:	49.9 ft
Well location:	03N-29E-14cac1	Depth of well:	192 ft
Latitude and longitude:	433506 1125805	Depth of hole:	192 ft
Site identifier:	433505112580501	Total depth logged:	194 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and processed logs are on disk 3, TRA-1p.		



Well identifier:	USGS-75	Altitude:	4918 ft
Well location:	03N-29E-13cdb1	Depth of well:	212 ft
Latitude and longitude:	433456 1125659	Depth of hole:	212 ft
Site identifier:	433457112570001	Total depth logged:	212 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and processed logs are on disk 3, 4, TRA-1p.		

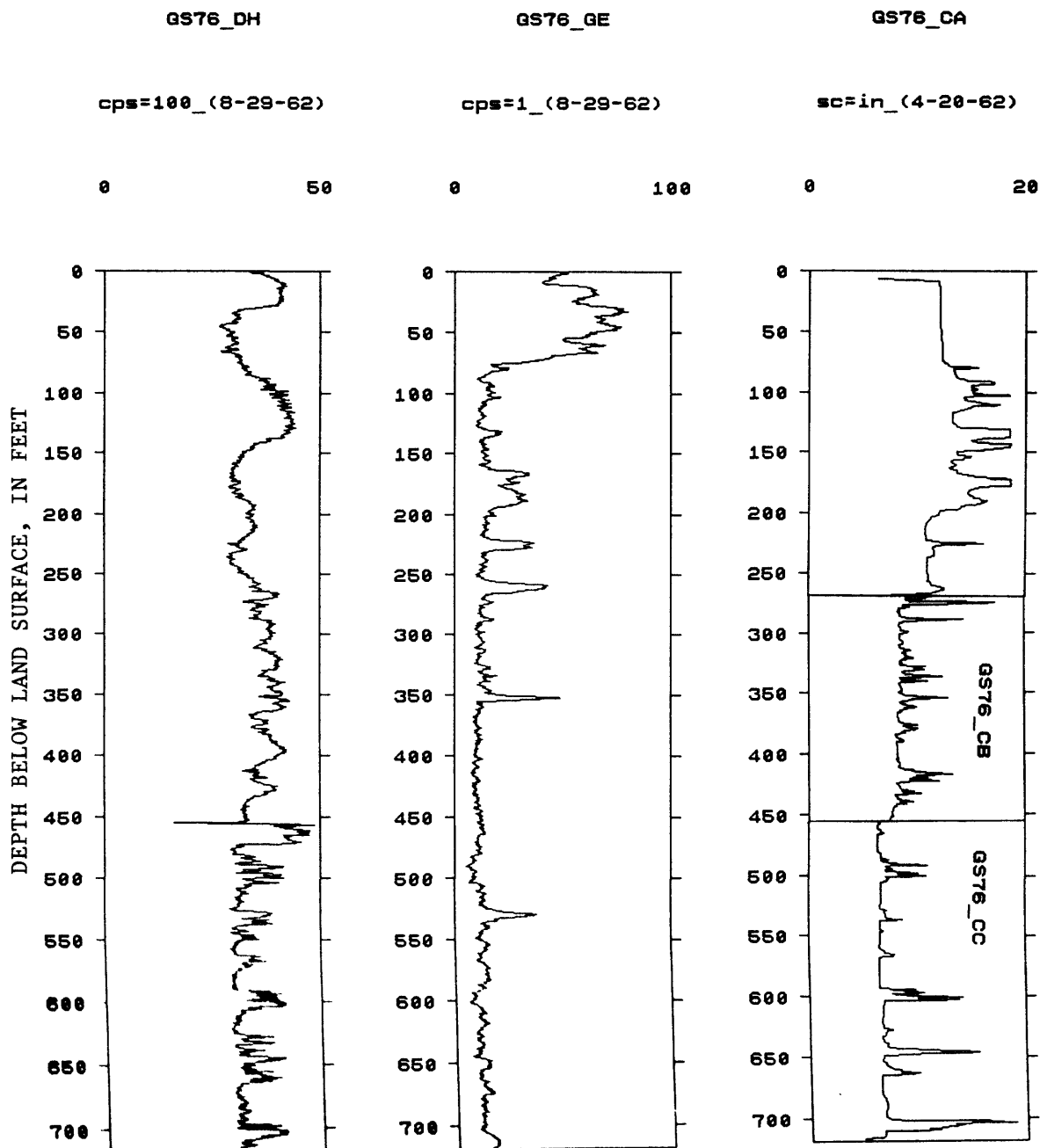




Well identifier:	USGS-76	Altitude:	4931 ft
Well location:	03N-29E-23adc1	Depth of well:	718 ft
Latitude and longitude:	433425 1125732	Depth of hole:	718 ft
Site identifier:	433425112573201	Total depth logged:	719 ft
County:	Butte		

Remarks:

Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and processed logs are on disk 4, TRA-1p. Caliper log shown is a combination of 3 digitized logs. Line breaks separate GS76\_CA, GS76\_CB, and GS76\_CC. Line break for density log indicates change in scale.



Well identifier:	USGS-77	Altitude:	4923 ft
Well location:	03N-30E-30ccb1	Depth of well:	610 ft
Latitude and longitude:	433315 1125603	Depth of hole:	610 ft
Site identifier:	433315112560301	Total depth logged:	593 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs can be found on disk 8. Density log shown is a combination of 2 digitized logs. Line break separates GS77\_DA and GS77\_DB. Caliper log shown is a combination of 2 digitized logs. Line break separates GS77\_CA and GS77\_CC.

GS77\_DA

GS77\_GA

GS77\_CA

cps=100\_(5-14-62)

sc=.005\_(5-14-62)

sc=in\_(5-14-62)

0

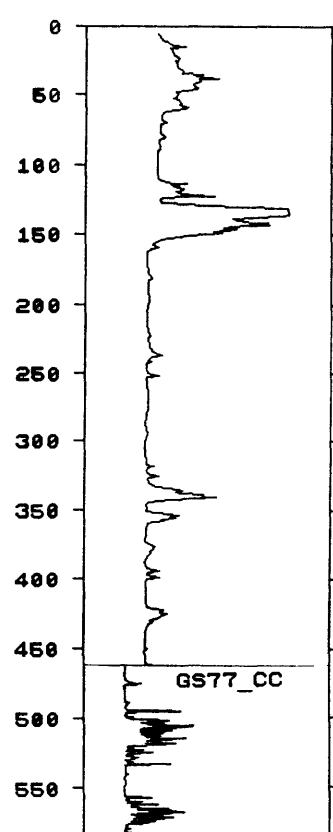
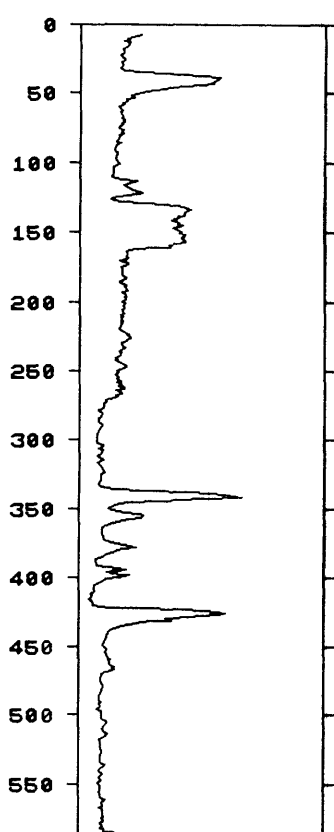
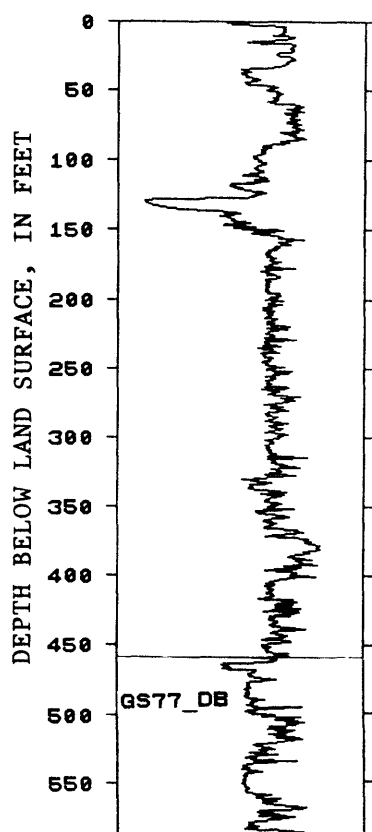
100

0

50

0

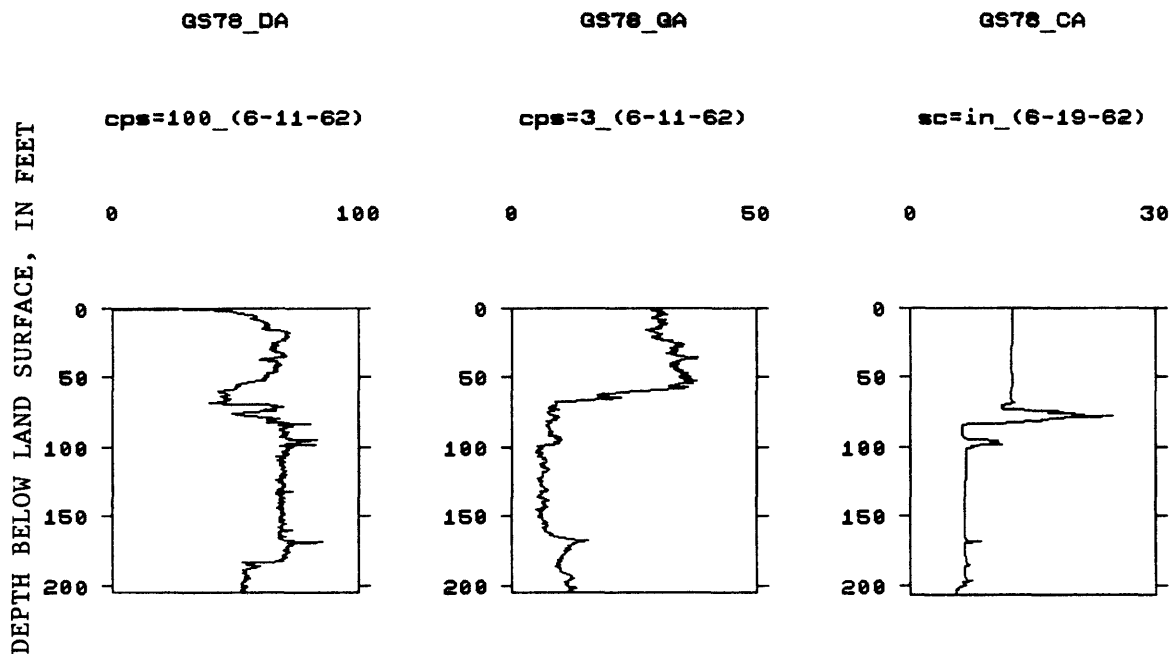
40



Well identifier:	USGS-78	Altitude:	4933 ft
Well location:	03N-29E-23dac1	Depth of well:	204 ft
Latitude and longitude:	433413 1125735	Depth of hole:	204 ft
Site identifier:	433413112573501	Total depth logged:	205 ft

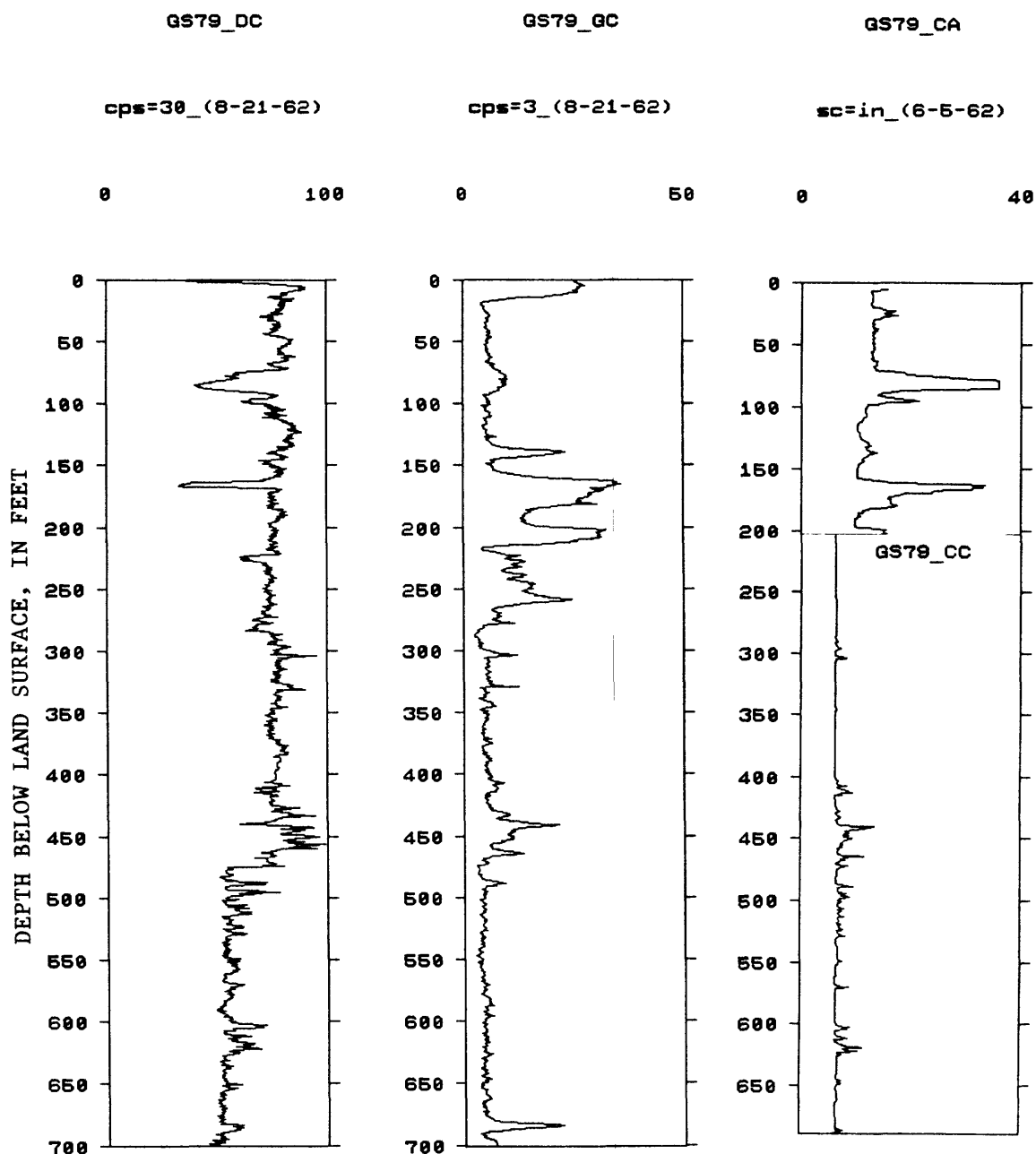
County: Butte

Remarks: Additional undigitized logs are available (see Table 1).  
Digitized and unprocessed logs are on disk 3, TRA-1u.  
Digitized and processed logs are on disk 4, TRA-1p.

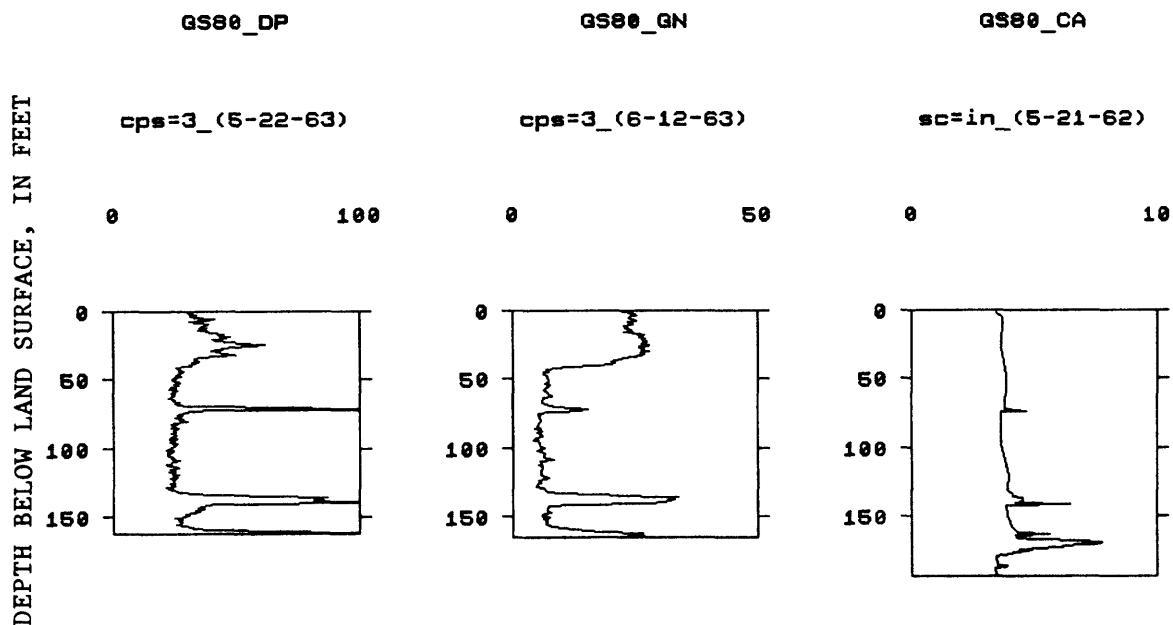


Well identifier: USGS-79                      Altitude: 4932 ft  
 Well location: 03N-29E-14cbd1              Depth of well: 702 ft  
 Latitude and longitude: 433505 1125819      Depth of hole: 702 ft  
 Site identifier: 433505112581901            Total depth logged: 701 ft  
 County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 3, TRA-1u. Digitized and  
 processed logs are on disk 4, TRA-1p. Caliper log shown is a combination  
 of 2 digitized logs. Line break separates GS79\_CA and GS79\_CC.

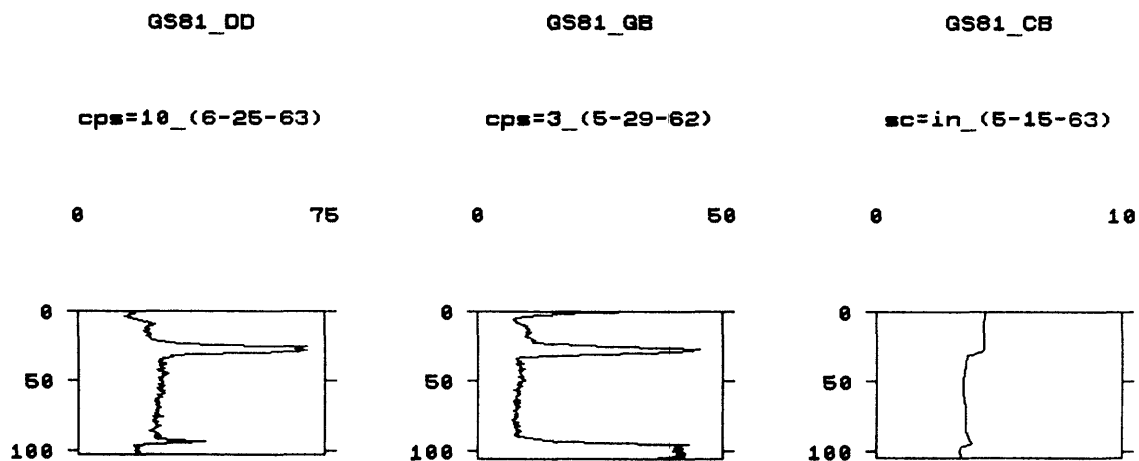


Well identifier:	USGS-80	Altitude:	4917 ft
Well location:	03N-29E-13cdb2	Depth of well:	204 ft
Latitude and longitude:	433456 1125659	Depth of hole:	204 ft
Site identifier:	433456112565902	Total depth logged:	168 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 3, 4, TRA-2u. Digitized and processed logs are on disk 4, TRA-1p,2p.		



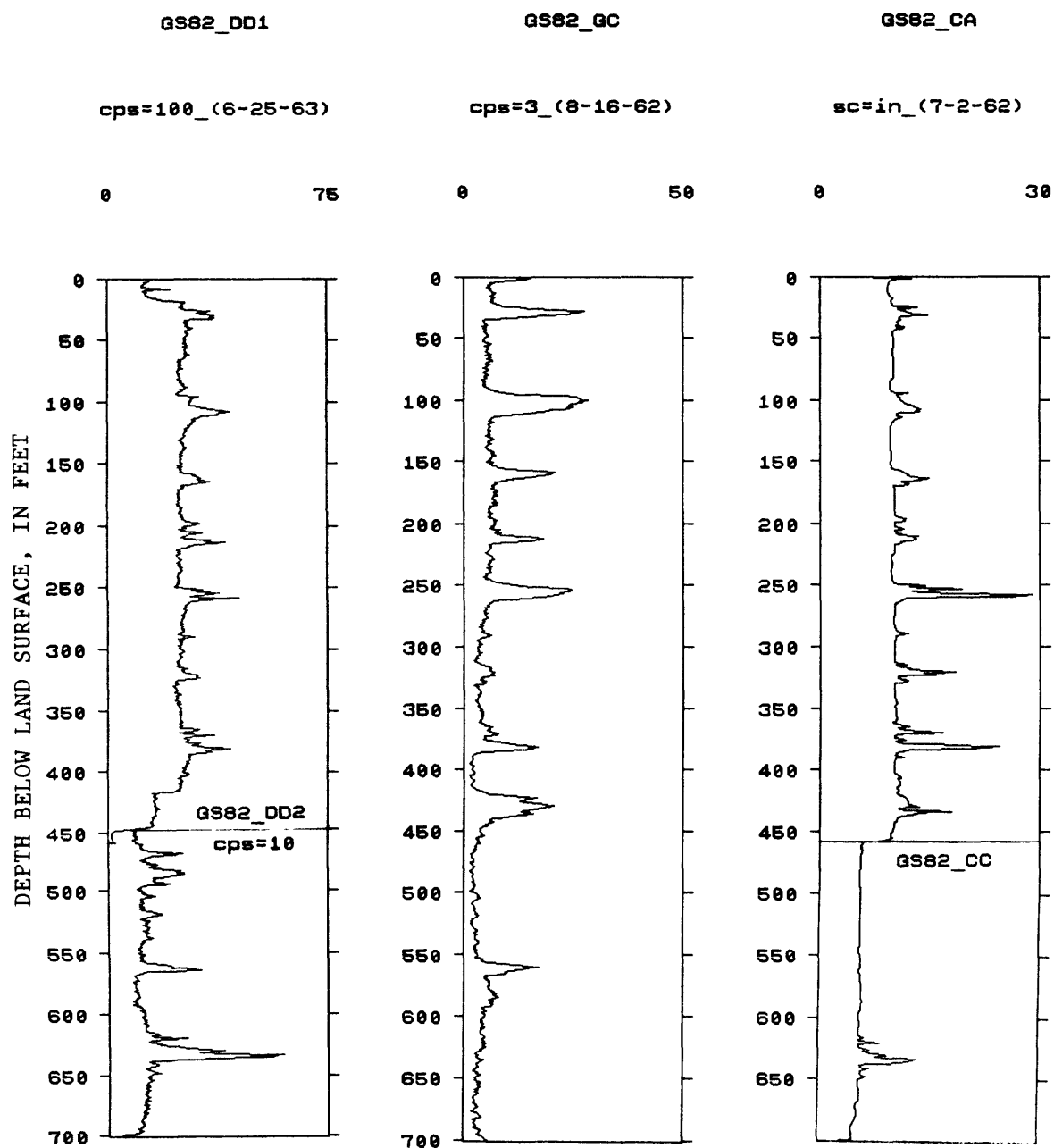
Well identifier:	USGS-81	Altitude:	4909 ft
Well location:	03N-30E-19ddc1	Depth of well:	104 ft
Latitude and longitude:	433400 1125510	Depth of hole:	104 ft
Site identifier:	433400112551001	Total depth logged:	105 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 7.		

DEPTH BELOW LAND SURFACE, IN FEET



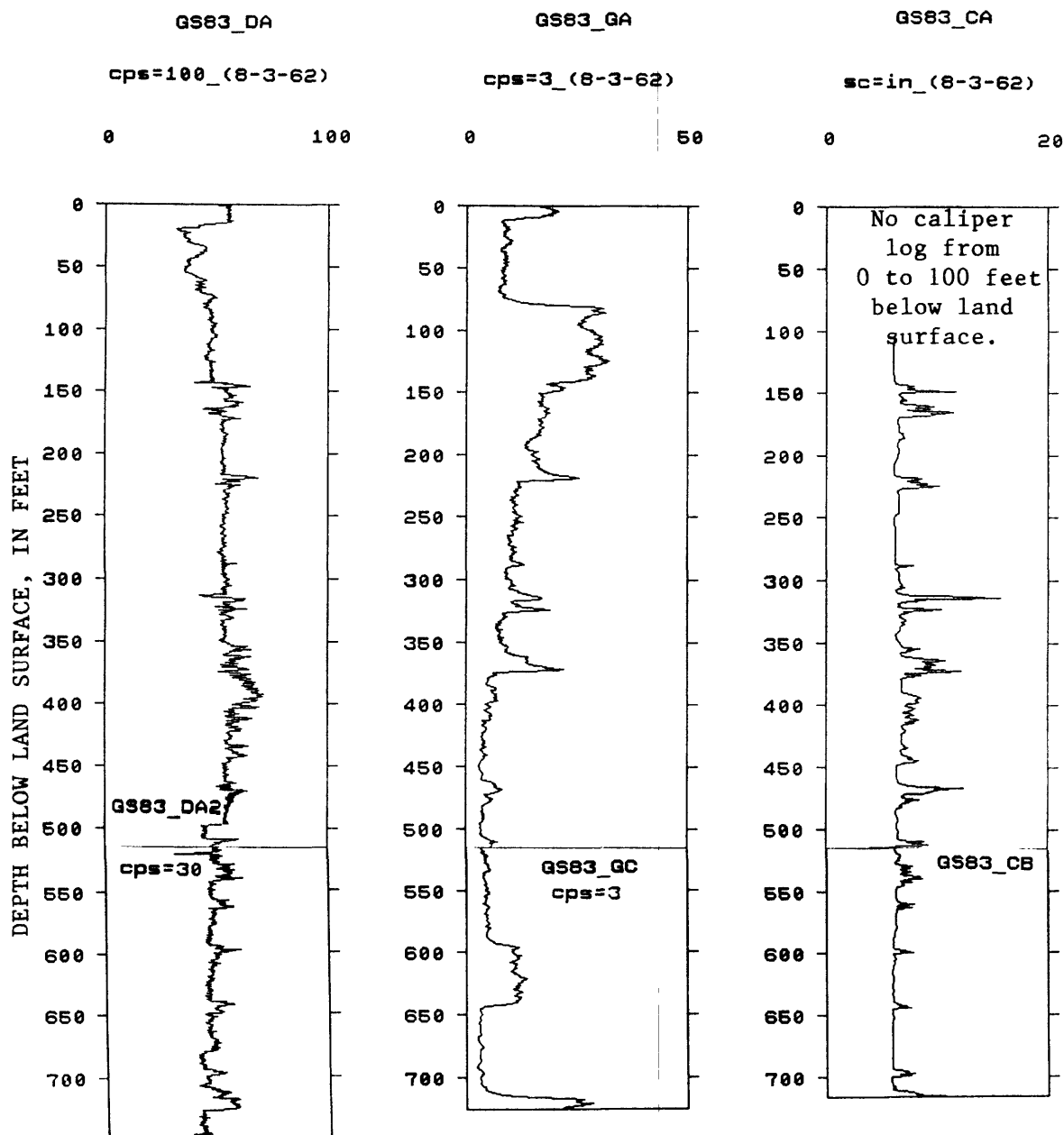
Well identifier:	USGS-82	Altitude:	4908 ft
Well location:	03N-30E-19ddc2	Depth of well:	700 ft
Latitude and longitude:	433401 1125509	Depth of hole:	700 ft
Site identifier:	433401112551001	Total depth logged:	702 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 7. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval. Caliper log shown is a combination of 2 digitized logs. Line break separates GS82\_CA and GS82\_CC.



Well identifier:	USGS-83	Altitude:	4943 ft
Well location:	02N-29E-13aaa1	Depth of well:	752 ft
Latitude and longitude:	433023 1125615	Depth of hole:	752 ft
Site identifier:	433023112561501	Total depth logged:	749 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 7. Density log shown was digitized at 2 different scales--cps=100,30. Line break indicates base of upper logged interval. Gamma log shown is a combination of 2 digitized logs. Line break separates GS83\_GA and GS83\_GC. Caliper log shown is a combination of 2 digitized logs. Line break separates GS83\_CA and GS83\_CB.





Well identifier:	USGS-84	Altitude:	4939 ft
Well location:	03N-29E-23dcd1	Depth of well:	505 ft
Latitude and longitude:	433357 1125742	Depth of hole:	505 ft
Site identifier:	433356112574201	Total depth logged:	506 ft
County:	Butte		

**Remarks:**

Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 4, TRA-2u, 10. Digitized and processed logs are on disk 4, TRA-2p, 12. Caliper log shown is a combination of 2 digitized logs. Line break separates GS84\_CA and GS84\_CB. Neutron log shown was digitized at 2 different scales--sc=.02,0025. Line break indicates base of upper logged interval.

**GS84\_NA**

**GS84\_DA**

**sc=.02\_(3-14-70)**

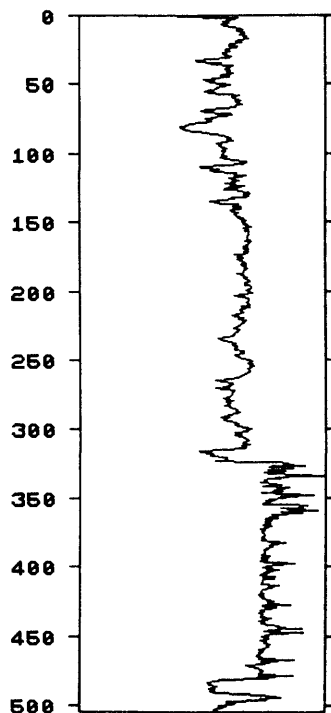
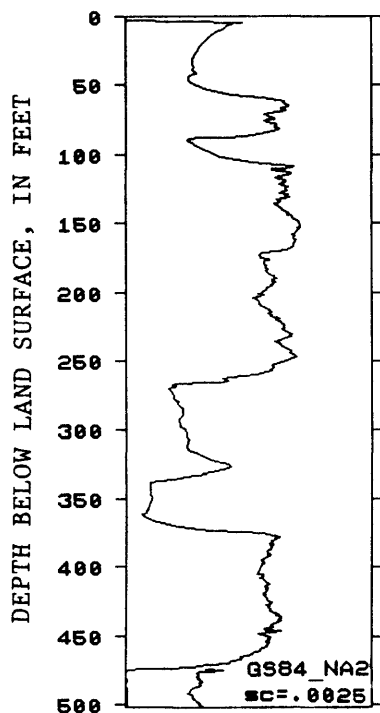
**cps=100\_(10-2-62)**

0

75

0

75

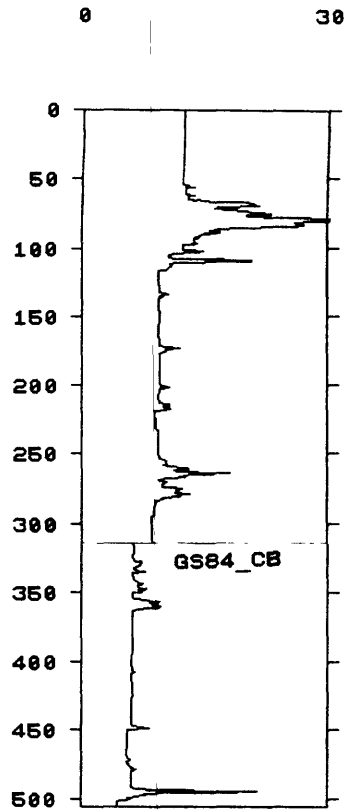
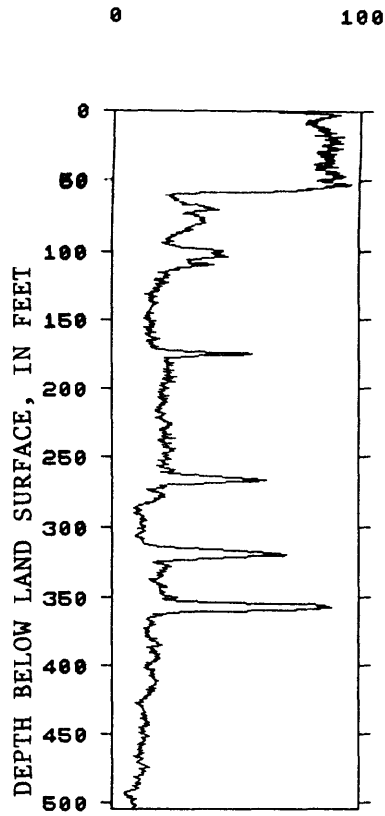


GS84\_GA

GS84\_CA

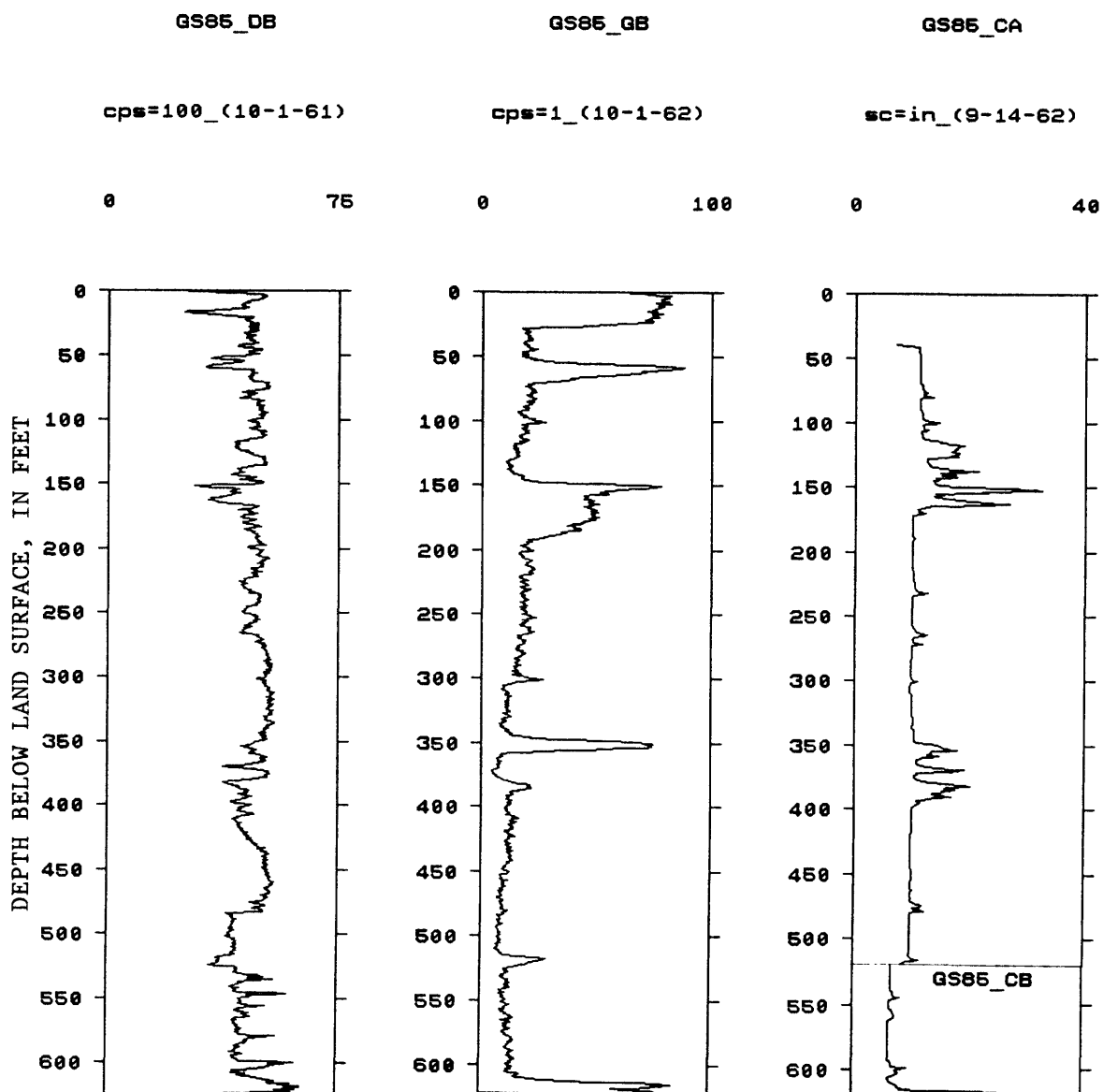
cps=1\_(10-2-62)

sc=in\_(9-20-62)



Well identifier:	USGS-85	Altitude:	4940 ft
Well location:	03N-29E-36bcbl	Depth of well:	637 ft
Latitude and longitude:	433246 1125711	Depth of hole:	637 ft
Site identifier:	433246112571201	Total depth logged:	625 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 6. Digitized and processed logs are on disk 7. Caliper log shown is a combination of 2 digitized logs. Line break separates GS85\_CA and GS85\_CB.



Well identifier:	USGS-86	Altitude:	5081 ft
Well location:	02N-28E-21bbb1	Depth of well:	691 ft
Latitude and longitude:	432935 1130800	Depth of hole:	691 ft
Site identifier:	432935113080001	Total depth logged:	676 ft
County:	Butte		

Remarks: Digitized and unprocessed logs are on disk 10. Digitized and processed logs are on disk 12. Original logs not available. Digitized logs from Barracough and others, 1966, p.12. Gamma log shown was digitized at 2 different scales--cps=1 from 0 to 195 feet below land surface, and cps=0.3 from 195 to 676 feet below land surface.

GS86\_GGA

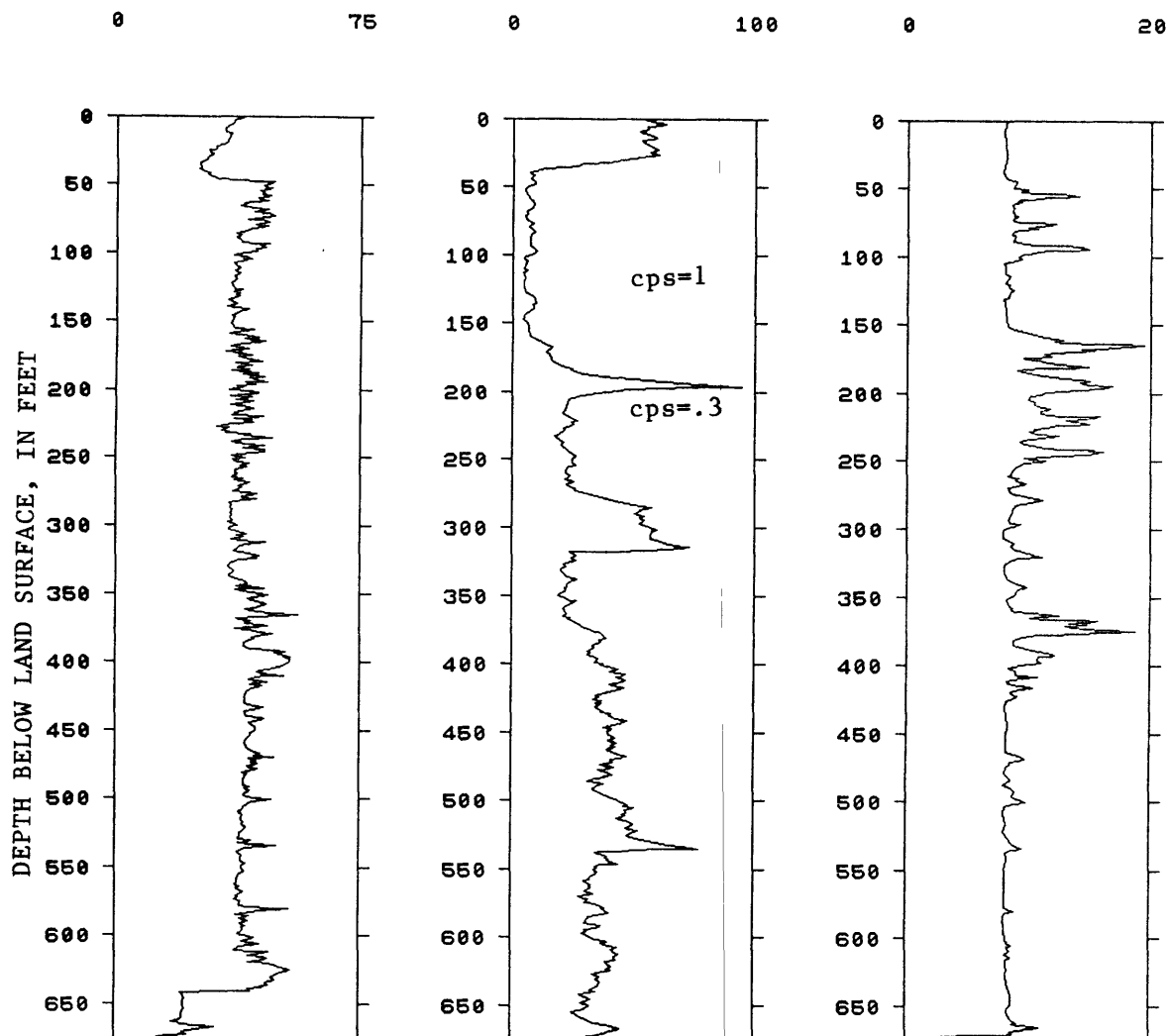
GS86\_GA

GS86\_CA

cps=300\_(?)

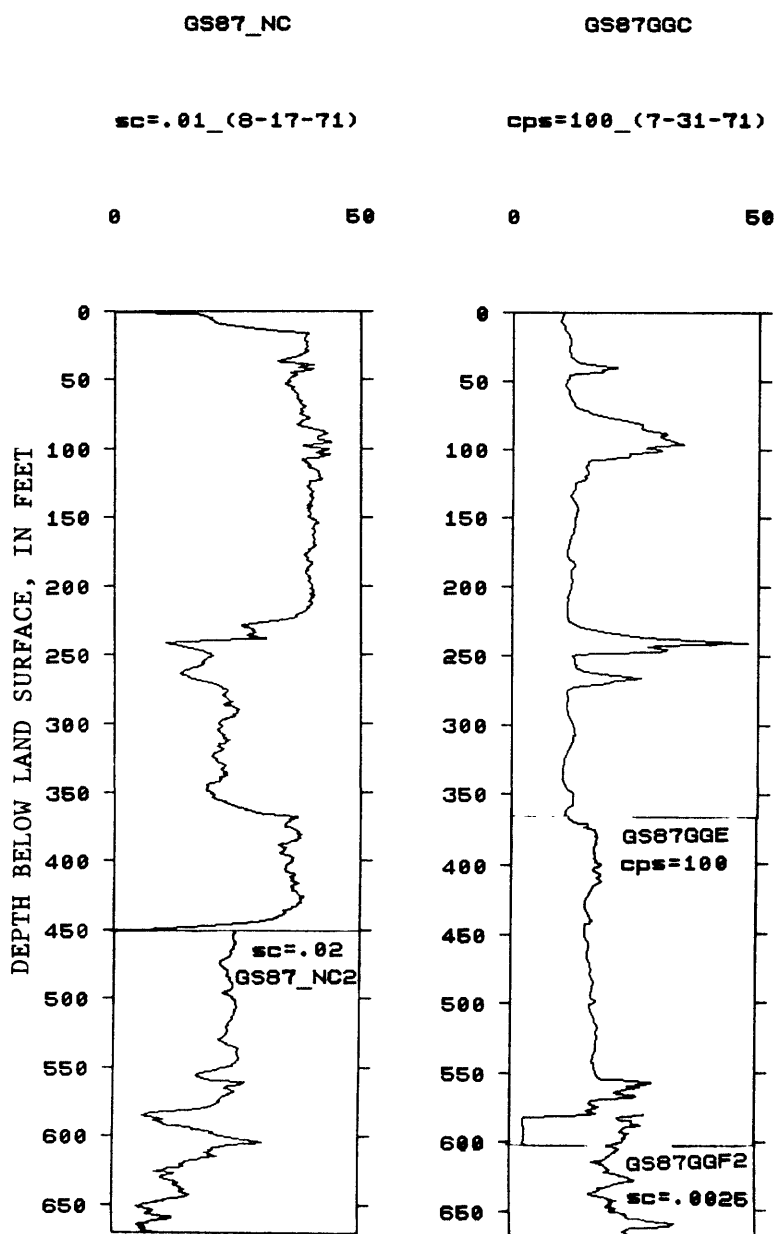
cps=1,.3\_(?)

sc=in\_(?)



Well identifier:	USGS-87	Altitude:	5016 ft
Well location:	02N-29E-18bda1	Depth of well:	673 ft
Latitude and longitude:	433013 1130241	Depth of hole:	673 ft
Site identifier:	433013113024201	Total depth logged:	673 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1,2. Digitized and processed logs are on disk 2. Neutron log shown was digitized at 2 different scales--sc=.01,.02. Line break indicates base of upper logged interval. Density log is a combination of 3 digitized logs with 1 scale change. Line breaks separate GS87GGC, GS87GGE, and GS87GGF2. Gamma log shown is a combination of 2 digitized logs. Line break separates GS87\_GD and GS87\_GE. Caliper log shown is a combination of 3 digitized logs. Line breaks separate GS87\_CD, GS87\_CE, and GS87\_CF.

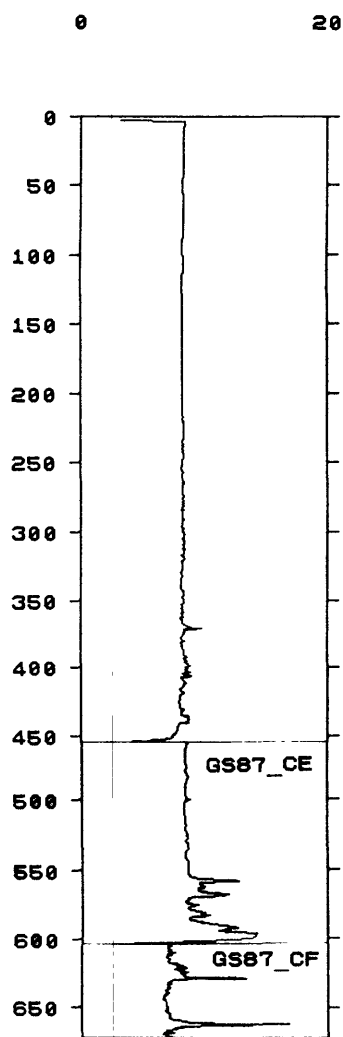
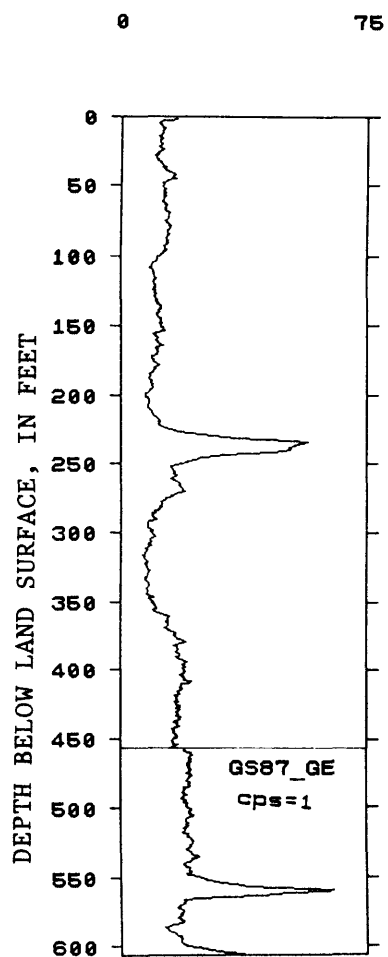


GS87\_GD

GS87\_CD

cps=1\_(8-18-71)

in-(8-18-71)



Well identifier:	USGS-88	Altitude:	5020 ft
Well location:	02N-29E-18ccd1	Depth of well:	662 ft
Latitude and longitude:	432940 1130302	Depth of hole:	662 ft
Site identifier:	432940113030201	Total depth logged:	662 ft
County:	Butte		

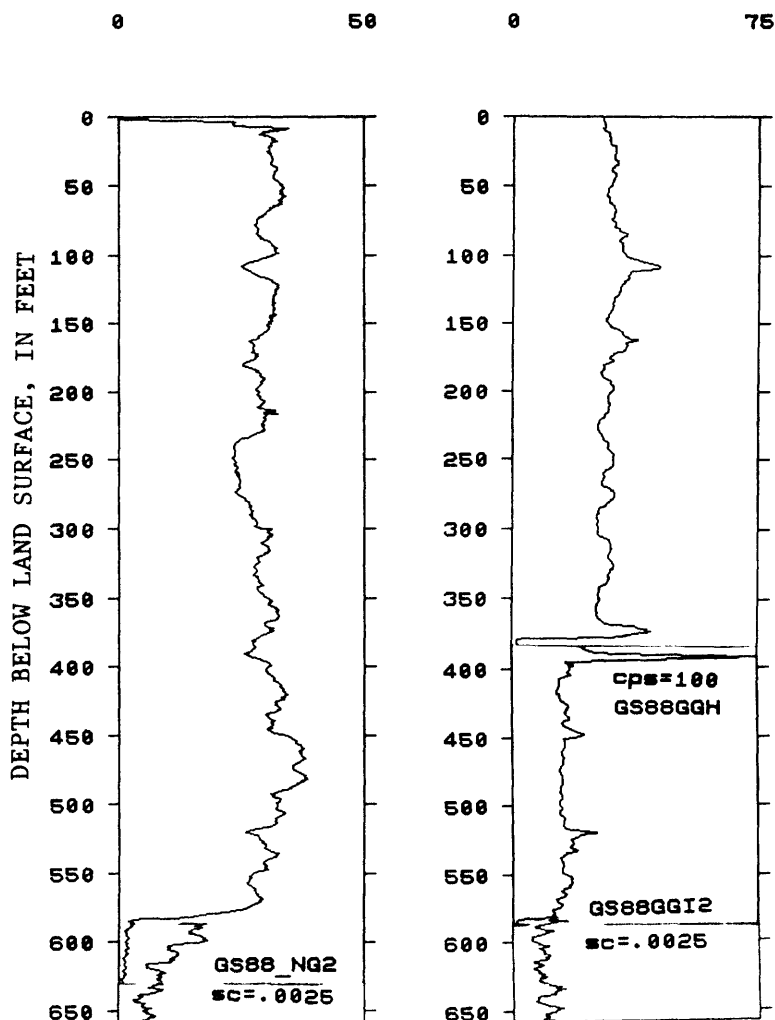
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 2. Neutron log shown was digitized at 2 different scales--sc=.01,.0025. Density shown was digitized at 3 different scales--cps=30,100,sc=.0025. Line breaks indicate base of upper logged intervals. Gamma log shown is a combination of 3 digitized logs with 1 scale change. Line breaks separate GS88\_GD, GS88\_GE, and GS88\_GF2. Caliper log shown is a combination of 3 digitized logs. Line breaks separate GS88\_CC, GS88\_CD, and GS88\_CE.

GS88\_NH

GS88GGG

sc=.01\_(6-22-72)

cps=30\_(8-18-71)

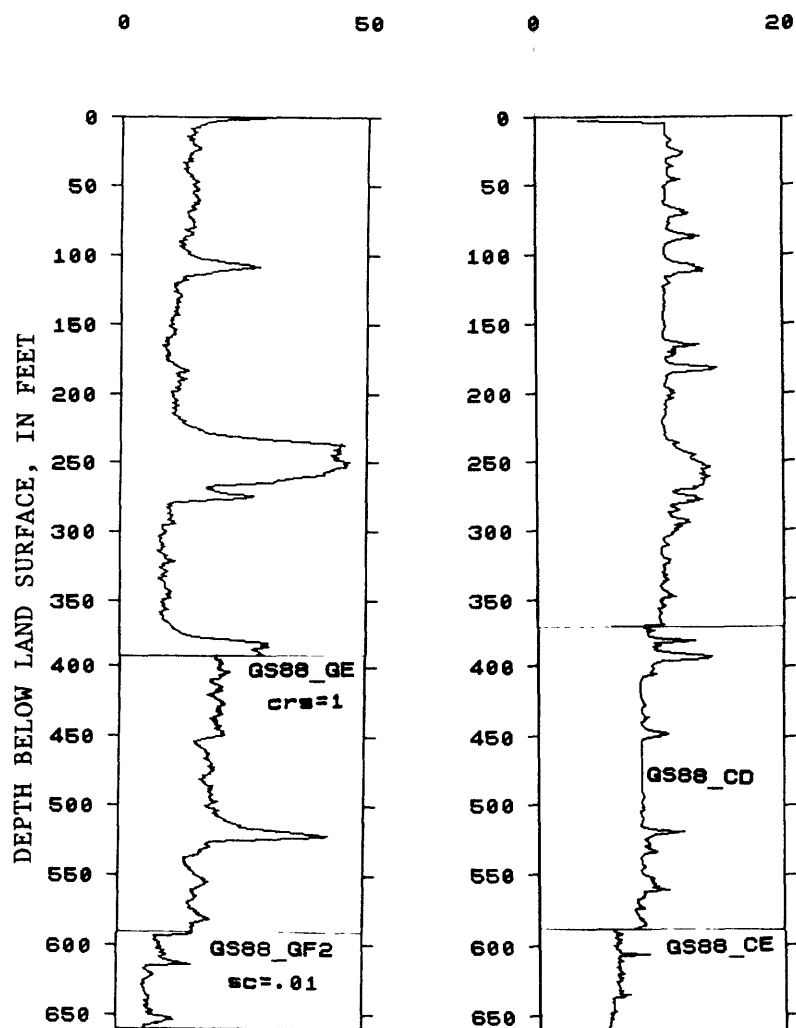


GS88\_GD

GS88\_CC

crs=1\_(8-18-71)

in\_(7-26-71)





Well identifier:	USGS-89	Altitude:	5029 ft
Well location:	02N-28E-13add1	Depth of well:	646 ft
Latitude and longitude:	433005 1130328	Depth of hole:	646 ft
Site identifier:	433005113032801	Total depth logged:	640 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1, 10. Digitized and processed logs are on disk 1, 12. Caliper log shown is a combination of 3 digitized logs. Line breaks separate GS89\_CA, GS89\_CB, and GS89\_CC.

GS89\_NE

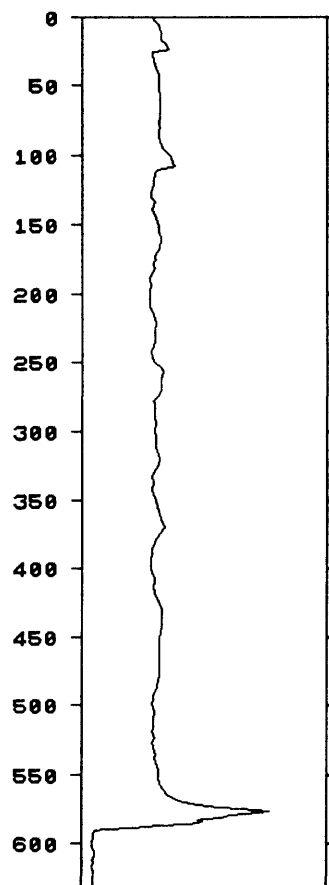
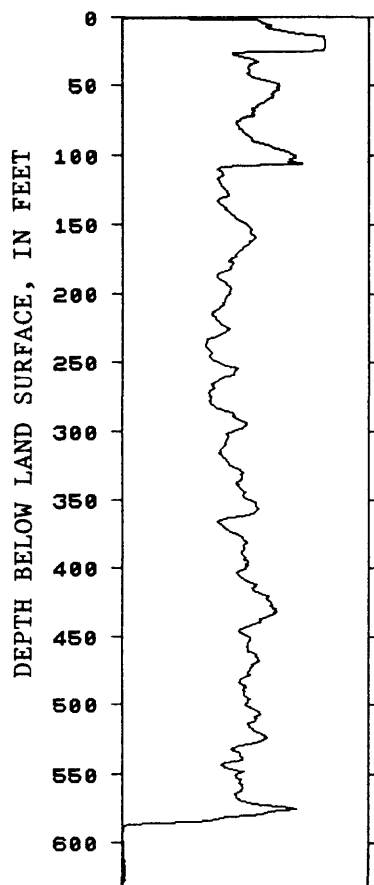
GS89GGC

sc=.01\_(6-21-72)

cps=100\_(7-11-72)

0 50

0 50

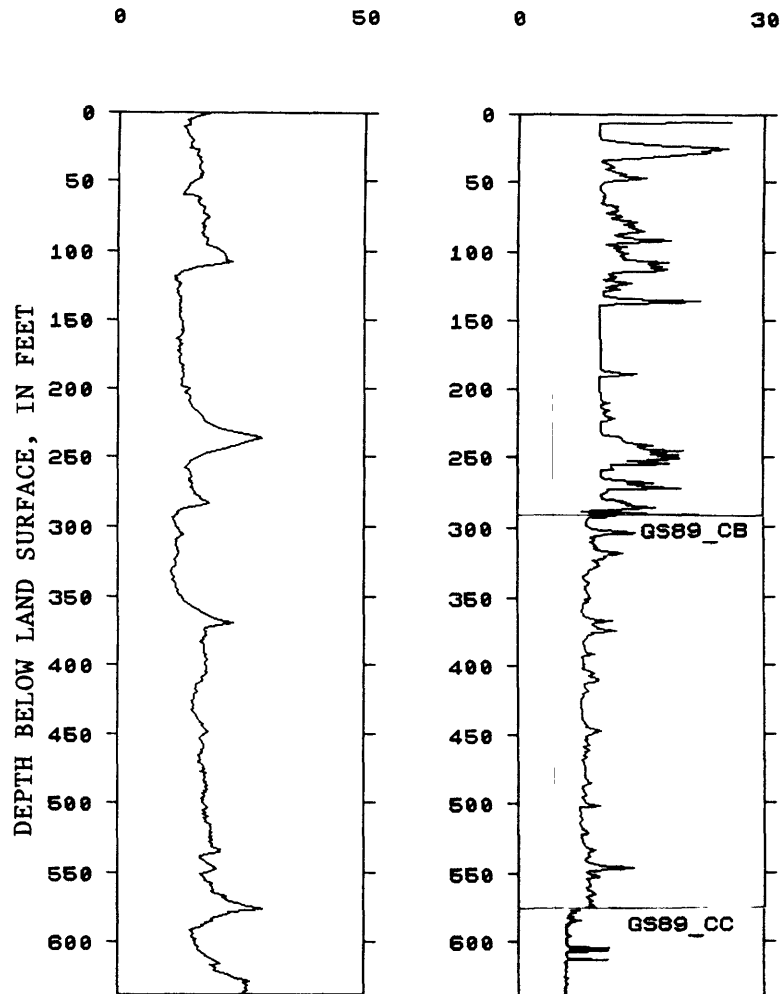


GS89\_GD

GS89\_CA

cps=1\_(7-11-72)

in\_(12-3-71)



Well identifier:	USGS-90	Altitude:	5010 ft
Well location:	02N-29E-17cbc1	Depth of well:	626 ft
Latitude and longitude:	432954 1130204	Depth of hole:	626 ft
Site identifier:	432954113020501	Total depth logged:	605 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1, 10. Digitized and processed logs are on disk 1, 12. Caliper log shown is a combination of 2 digitized logs. Line break separates GS90\_CC and GS90\_CD.

GS90\_ND

GS90QGB

sc=.01\_(6-20-72)

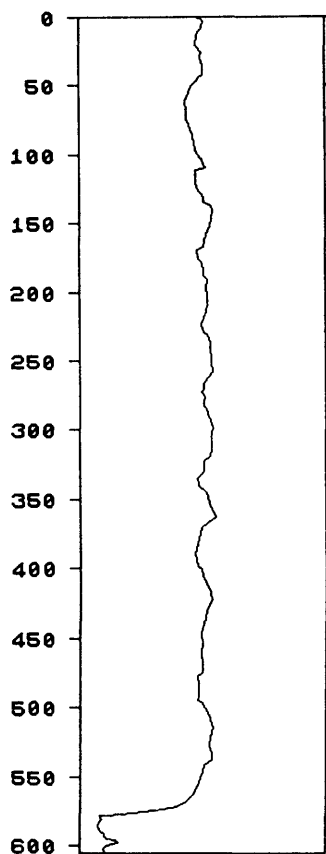
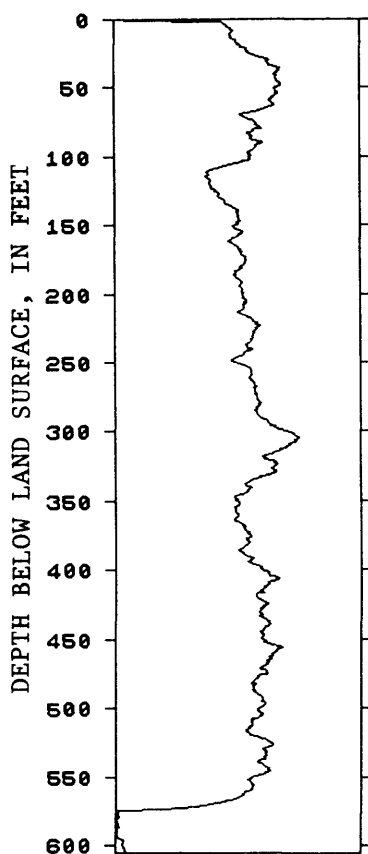
cp=100\_(7-8-72)

0

50

0

25

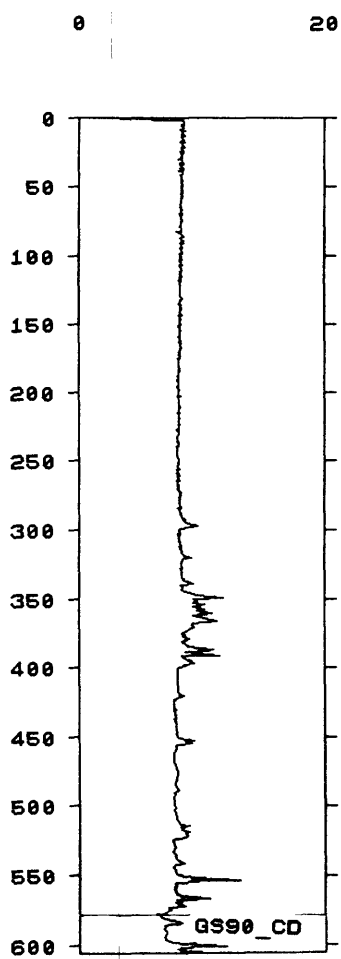
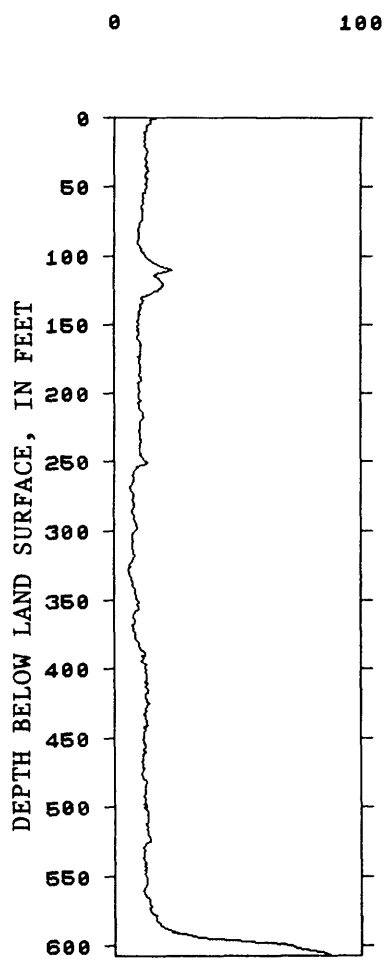


GS90\_GC

GS90\_CC

cps=1\_(7-8-72)

IN\_(1-7-72)



Well identifier:	USGS-91	Altitude:	5006 ft
Well location:	02N-29E-18dba1	Depth of well:	--
Latitude and longitude:	432957 1130226	Depth of hole:	--
Site identifier:	--	Total depth logged:	255 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 10. Digitized and processed logs are on disk 12. Backfilled.		

GS91\_NB

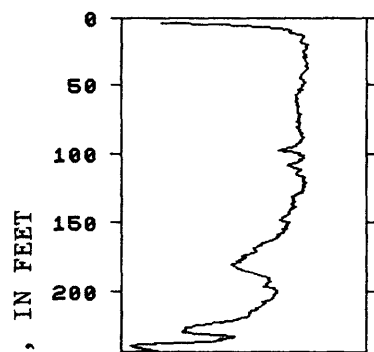
GS91GGB

sc=.01\_(6-7-72)

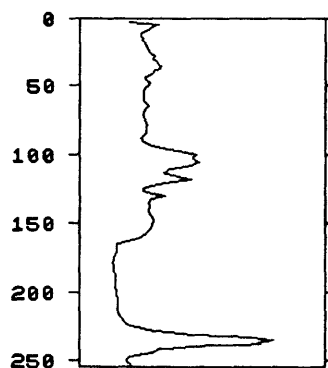
cps=100\_(3-17-72)

0 50

0 75



GS91\_GB



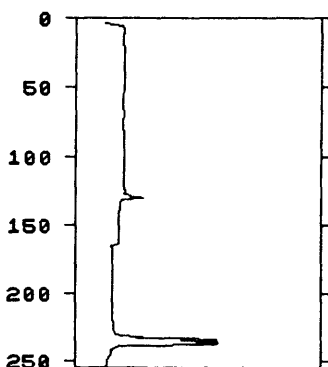
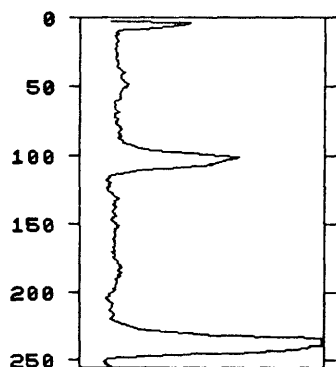
GS91\_CB

cps=1\_(3-17-72)

sc=in\_(3-17-72)

0 105

0 20



Well identifier:	USGS-92	Altitude:	5008 ft
Well location:	02N-29E-18bdc1	Depth of well:	214 ft
Latitude and longitude:	433000 1130253	Depth of hole:	247 ft
Site identifier:	433000112025301	Total depth logged:	245 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
Digitized and unprocessed logs are on disk 4, 10. Digitized and processed logs are on disk 4, 12.

GS92\_NI

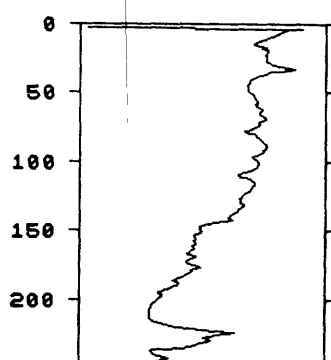
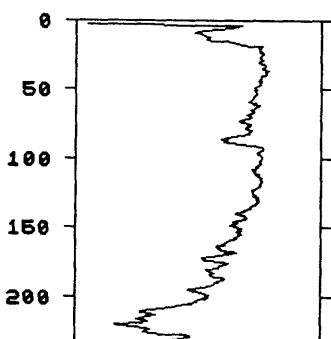
GS92QGB

sc=.01\_(6-7-72)

cps=100\_(5-23-72)

0 50

0 75



GS92\_GB

GS92\_CB

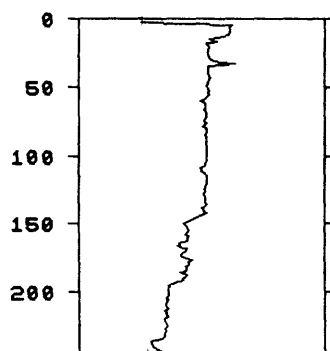
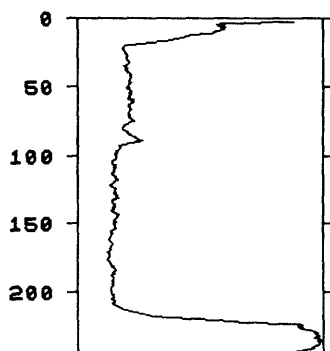
cps=1\_(5-23-72)

sc=in\_(5-23-72)

0 105

0 10

DEPTH BELOW LAND SURFACE, IN FEET



Well identifier:	USGS-93	Altitude:	5010 ft
Well location:	02N-29E-18bcd1	Depth of well:	--
Latitude and longitude:	433002 1130306	Depth of hole:	--
Site identifier:	--	Total depth logged:	240 ft
County:	Butte		

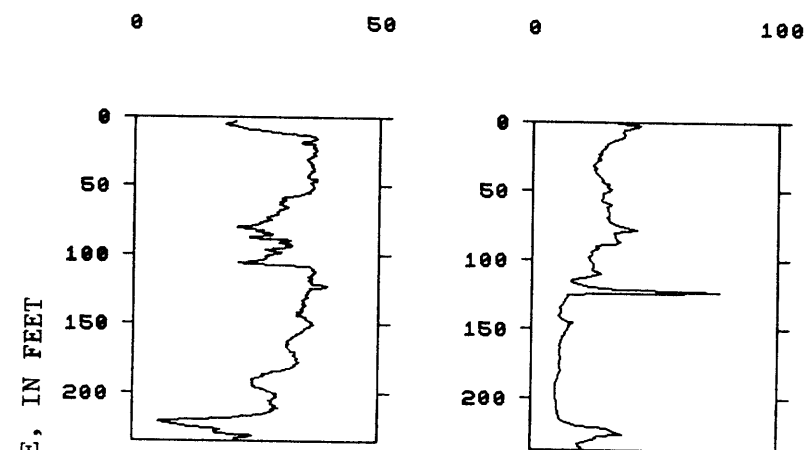
Remarks: Additional digitized logs are available (see Table 1).  
Digitized and unprocessed logs are on disk 10. Digitized  
and processed logs are on disk 12. Backfilled.

GS93\_NB

GS93GGA

sc=.01\_(6-7-72)

cps=100\_(5-1-72)

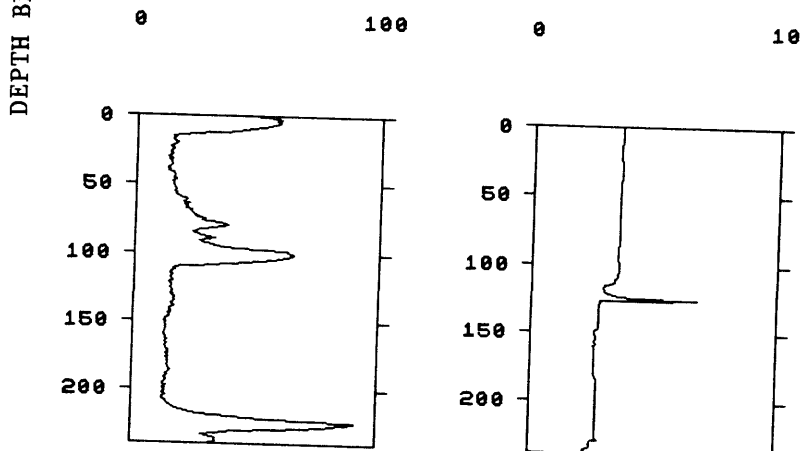


GS93\_GA

GS93\_CA

cps=1\_(5-1-72)

sc=in\_(5-1-72)



Well identifier: USGS-93A Altitude: 5010 ft  
 Well location: 02N-29E-18bcd2 Depth of well: --  
 Latitude and longitude: 433002 1130306 Depth of hole: --  
 Site identifier: -- Total depth logged: 231 ft  
 County: Butte  
 Remarks: Digitized and unprocessed logs are on disk 4.  
 Digitized and processed logs are on disk 4. Backfilled.

GS93A\_NA

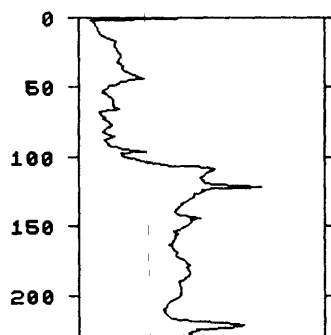
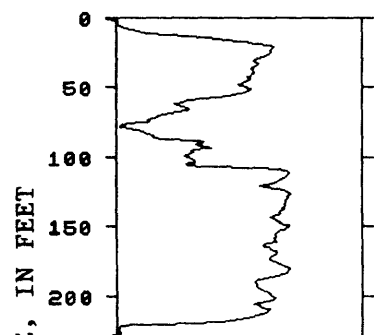
GS93AGGA

sc=.01\_(11-14-75)

sc=.05\_(11-14-75)

0 50

0 50



GS93A\_GA

GS93A\_CA

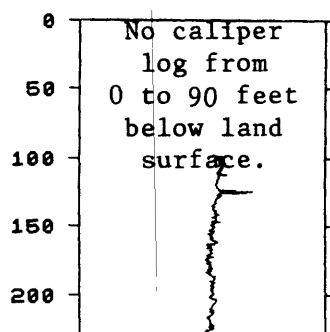
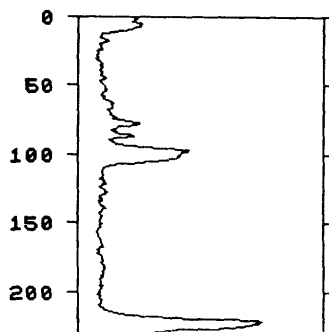
sc=.0025\_(11-14-75)

sc=in\_(11-14-75)

0 50

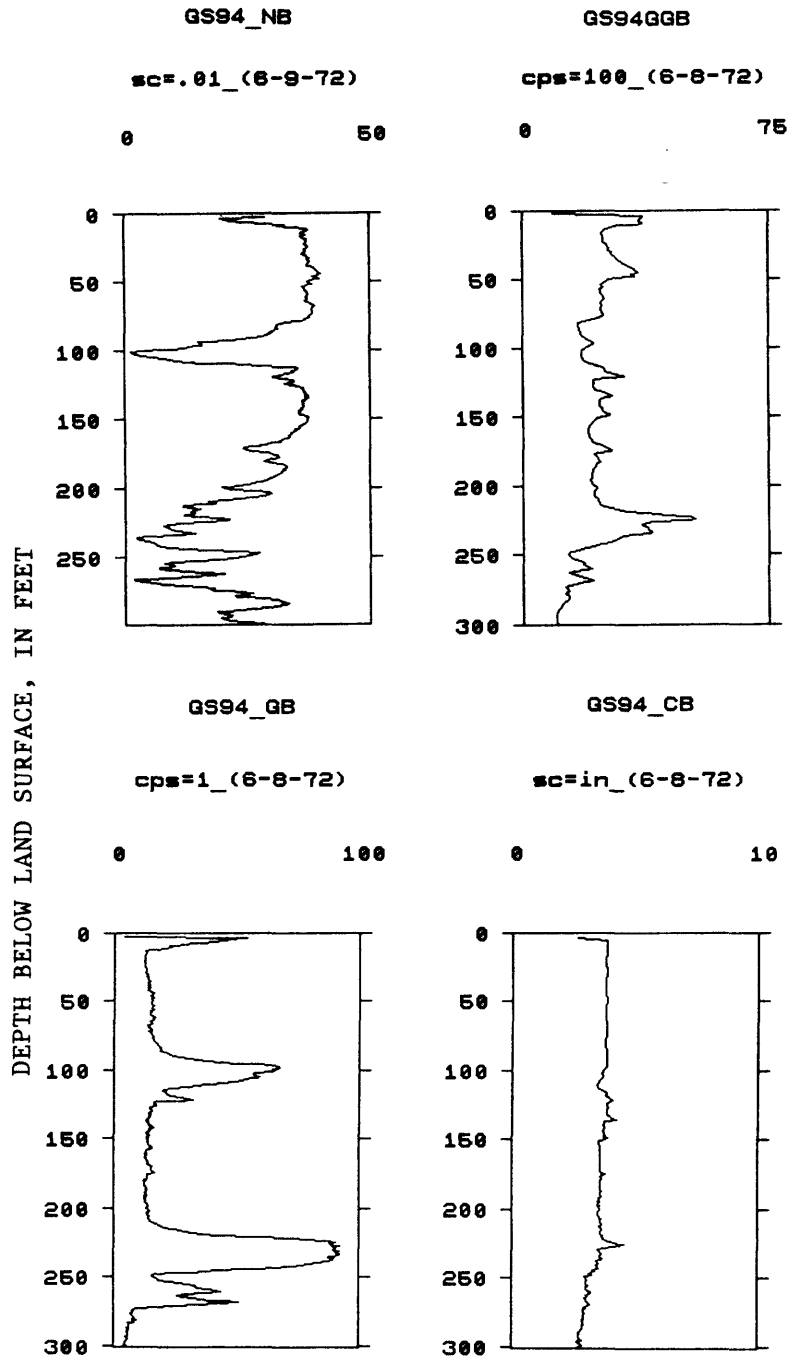
0 10

DEPTH BELOW LAND SURFACE, IN FEET





Well identifier:	USGS-94	Altitude:	5008 ft
Well location:	02N-29E-18caal	Depth of well:	--
Latitude and longitude:	432957 1130250	Depth of hole:	--
Site identifier:	--	Total depth logged:	301 ft
County:	Butte		
Remarks:	Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 10. Digitized and processed logs are on disk 12. Backfilled.		



Well identifier:	USGS-95	Altitude:	5008 ft
Well location:	02N-29E-18dbc1	Depth of well:	--
Latitude and longitude:	432954 1130237	Depth of hole:	--
Site identifier:	--	Total depth logged:	245 ft
County:	Butte		
Remarks:	Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 10. Digitized and processed logs are on disk 12. Backfilled.		

GS95\_NB

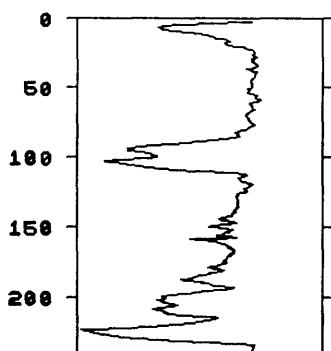
GS95GGA

sc=.01\_(6-7-72)

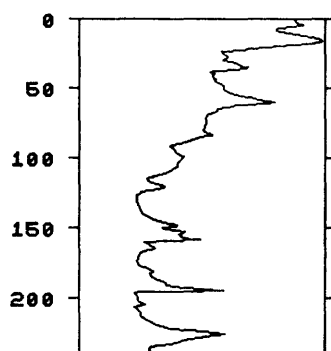
cps=100\_(5-17-72)

0 50 0 50

DEPTH BELOW LAND SURFACE, IN FEET



GS95\_GA

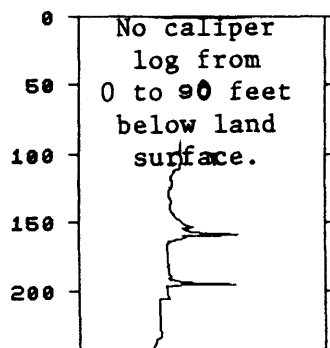
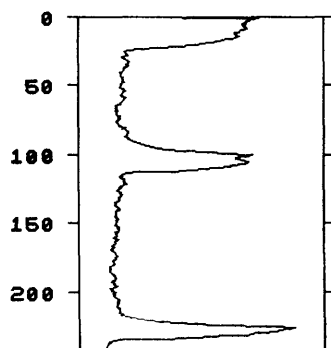


GS95\_CA

cps=1\_(5-17-72)

sc=in\_(5-17-72)

0 100 0 10



Well identifier:	USGS-96	Altitude:	5009 ft
Well location:	02N-29E-18bdc2	Depth of well:	--
Latitude and longitude:	433004 1130259	Depth of hole:	--
Site identifier:	--	Total depth logged:	234 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 10. Digitized and processed logs are on disk 12. Backfilled. No caliper log from 0 to 100 feet below land surface.		

GS96\_NA

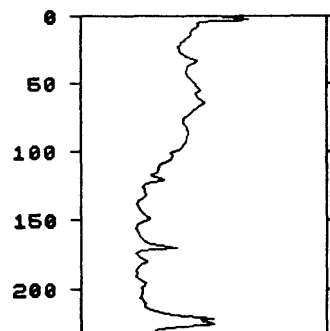
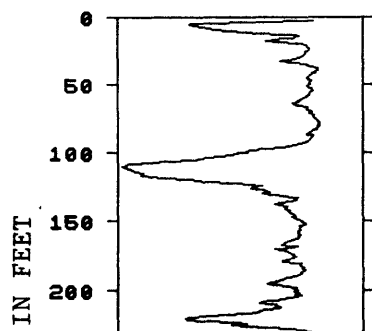
GS96GGA

sc=.01\_(6-7-72)

cps=100\_(6-8-72)

0 50

0 50



GS96\_GA

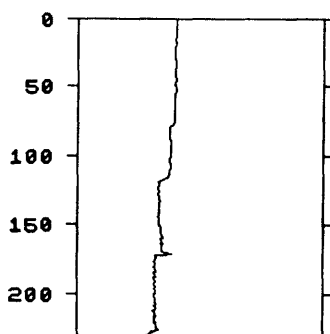
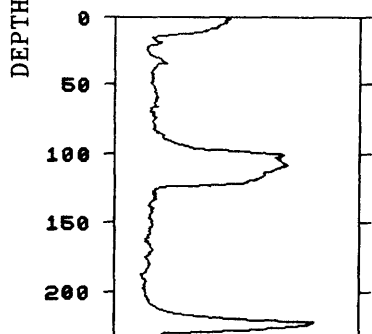
GS96\_CA

cps=1\_(6-8-72)

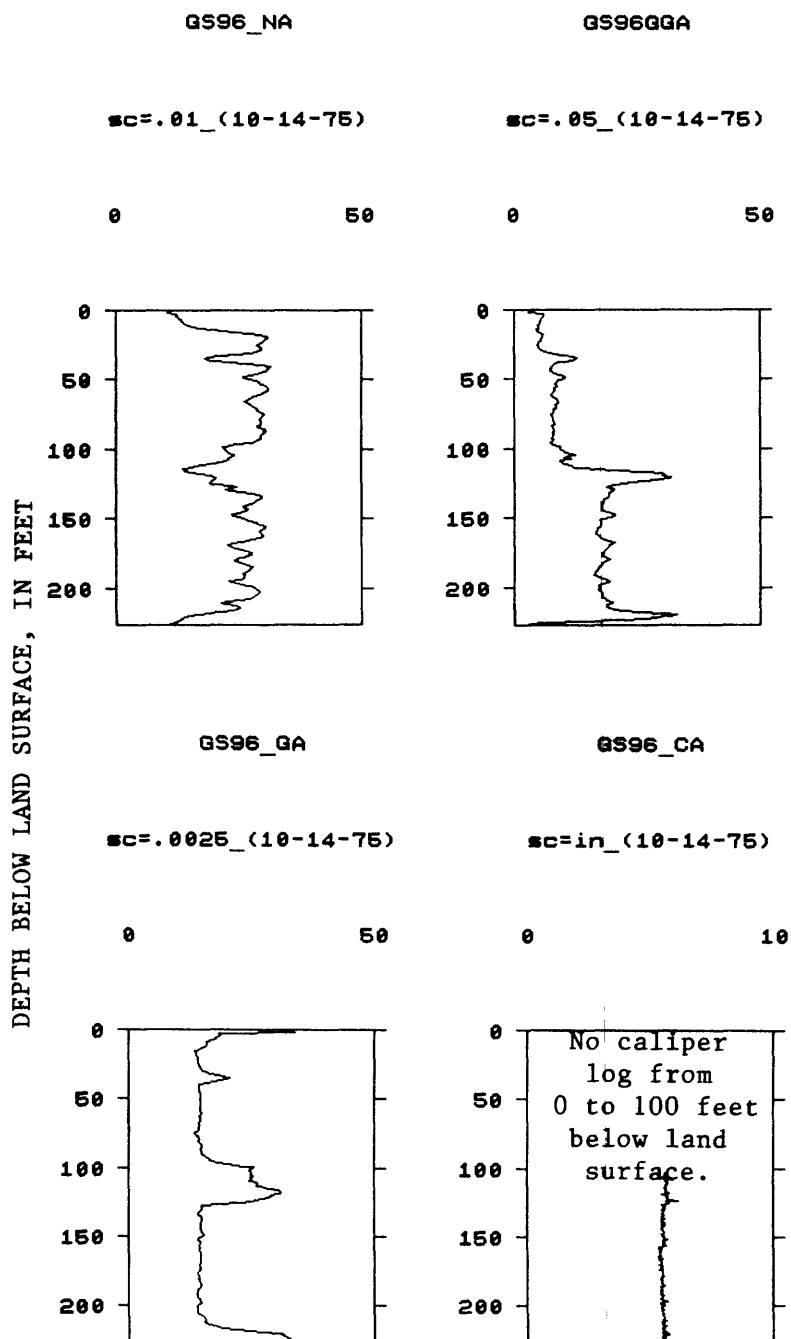
sc=in\_(6-8-72)

0 100

0 10



Well identifier: USGS-96B Altitude: 5009 ft  
 Well location: 02N-29E-18bdc3 Depth of well: --  
 Latitude and longitude: 433004 1130300 Depth of hole: --  
 Site identifier: -- Total depth logged: 228 ft  
 County: Butte  
 Remarks: Digitized and unprocessed logs are on disk 2, 3.  
 Digitized and processed logs are on disk 3. Backfilled.



Well identifier:	USGS-97	Altitude:	4859 ft
Well location:	04N-30E-31abd1	Depth of well:	510 ft
Latitude and longitude:	433807 1125514	Depth of hole:	510 ft
Site identifier:	433807112551501	Total depth logged:	502 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2, 3. Digitized and processed logs are on disk 3. Caliper log shown is a combination of 2 digitized logs. Line break separates GS97_CA and GS97_CB.		

GS97\_NB

GS97GGB

sc=.05\_(7-11-73)

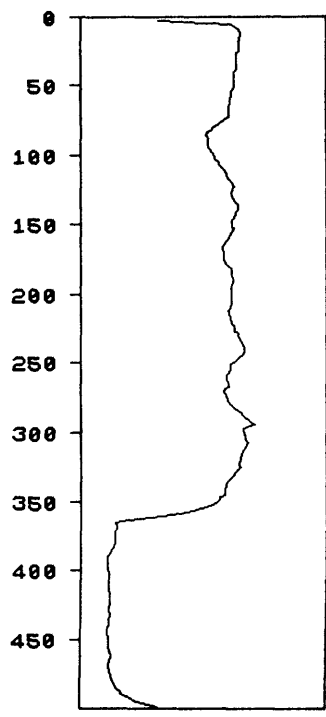
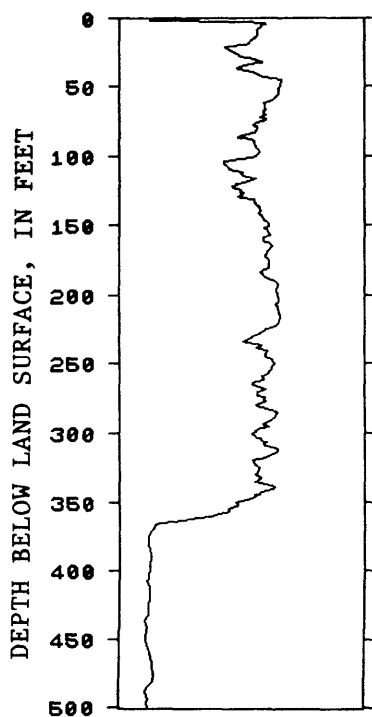
sc=.05\_(7-11-73)

0

50

0

50

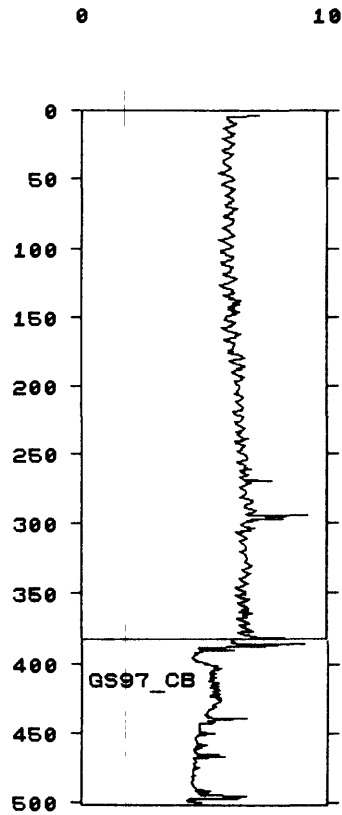
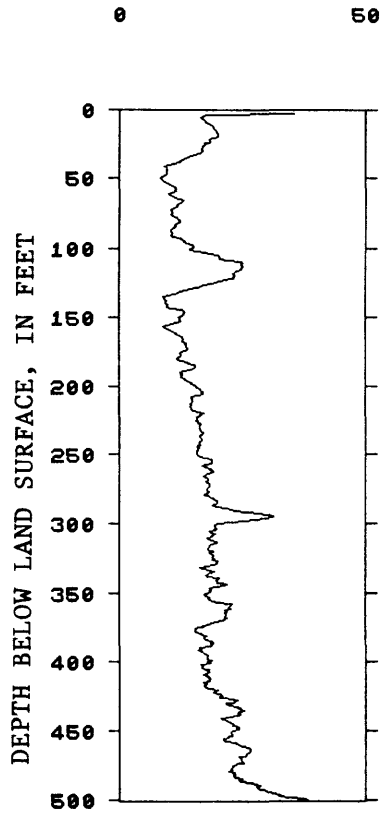


GS97\_GB

GS97\_CA

sc=.005\_(7-11-73)

sc=in\_(6-28-73)



Well identifier:	USGS-98	Altitude:	4883 ft
Well location:	03N-29E-01dbb1	Depth of well:	505 ft
Latitude and longitude:	433657 1125636	Depth of hole:	505 ft
Site identifier:	433657112563601	Total depth logged:	490 ft
County:	Butte		

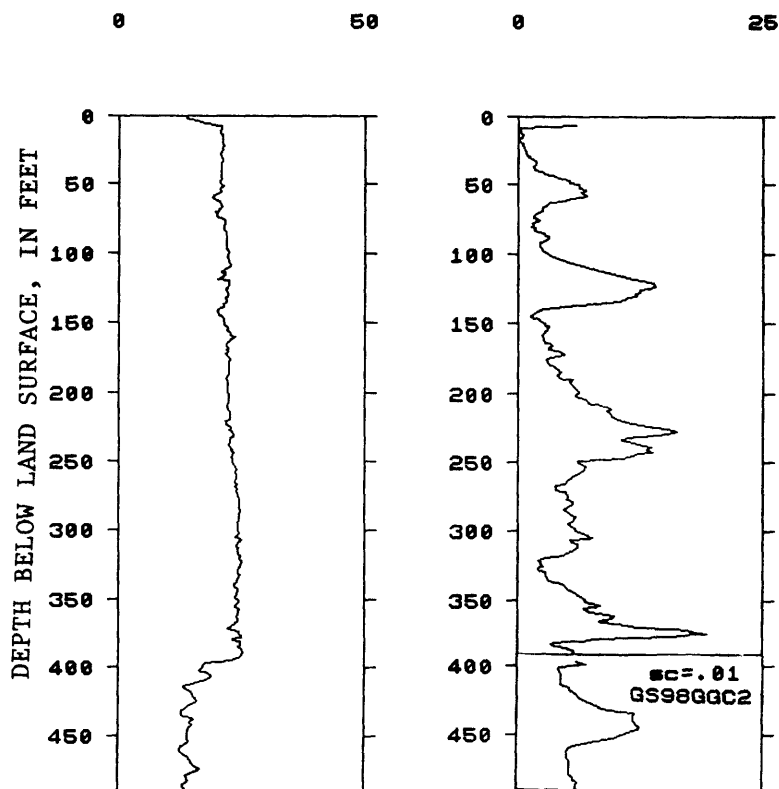
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2, 3. Digitized and processed logs are on disk 3. Gamma-gamma log shown was digitized at 2 different scales--sc=.02,.01. Line break indicates base of upper logged interval.

GS98\_NB

GS98GGC1

sc=.01\_(6-5-74)

sc=.02\_(6-5-74)



GS98\_GA

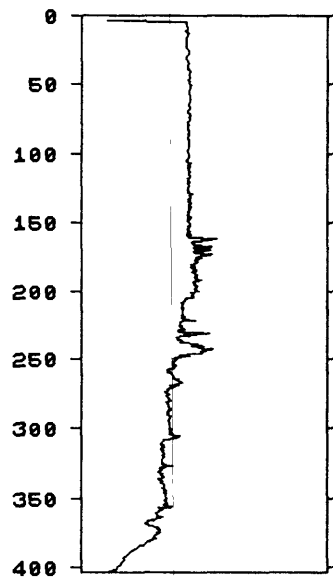
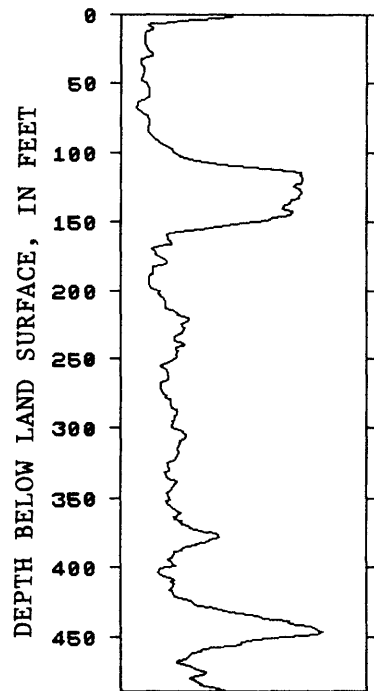
GS98\_CA

sc=.005\_(6-5-74)

sc=in\_(7-6-73)

0 25

0 20





Well identifier:	USGS-99	Altitude:	4870 ft
Well location:	03N-30E-06acd1	Depth of well:	450 ft
Latitude and longitude:	433705 1125521	Depth of hole:	450 ft
Site identifier:	433705112552101	Total depth logged:	441 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 2, 3, 10. Digitized and processed logs are on disks 3, 12. Caliper log shown is a combination of 2 digitized logs. Line break separates GS99\_CA and GS99\_CB. Neutron log shown was digitized at 2 different scales--sc=.02,0025. Line break indicates base of upper logged interval.

GS99\_NA

GS99GGA

sc=.02\_(11-20-74)

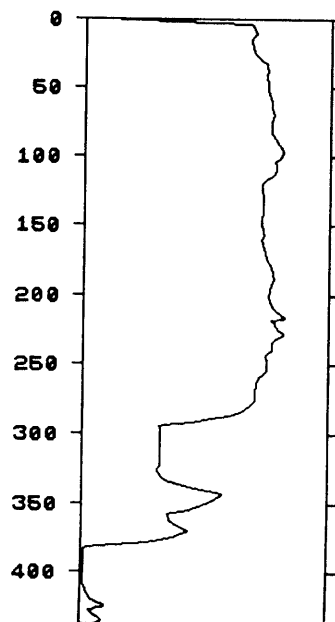
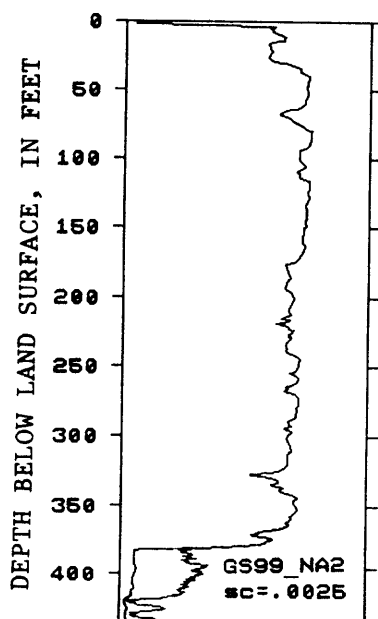
sc=.1\_(1-18-75)

0

50

0

50

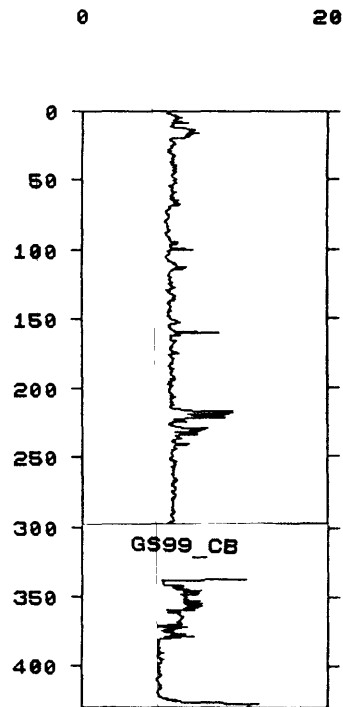
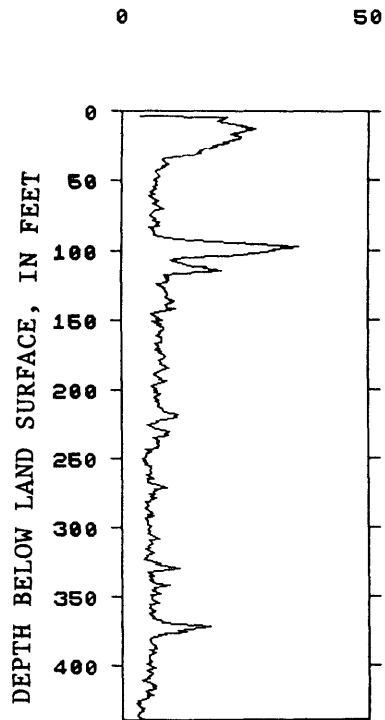


GS99\_GD

GS99\_CA

cr=50\_(4-11-80)

sc=in\_(9-26-74)



GS99\_CB

Well identifier:	USGS-100	Altitude:	5150 ft
Well location:	03N-32E-14cdd1	Depth of well:	750 ft
Latitude and longitude:	433503 1124006	Depth of hole:	750 ft
Site identifier:	433503112400701	Total depth logged:	742 ft
County:	Bingham		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 2, 3, 10. Digitized and processed logs are on disks 3, 12. Neutron log shown is a combination of 2 digitized logs. Line break separates GS100NA1 and GS100NA2. Caliper log shown is a combination of 2 digitized logs. Line break separates GS100\_CA and GS100\_CB. Gamma-gamma log shown is a combination of 2 digitized logs. Line break separates GS100GGA and S100GGA2.

GS100NA1

GS100GGA

SC=.01\_(10-8-74)

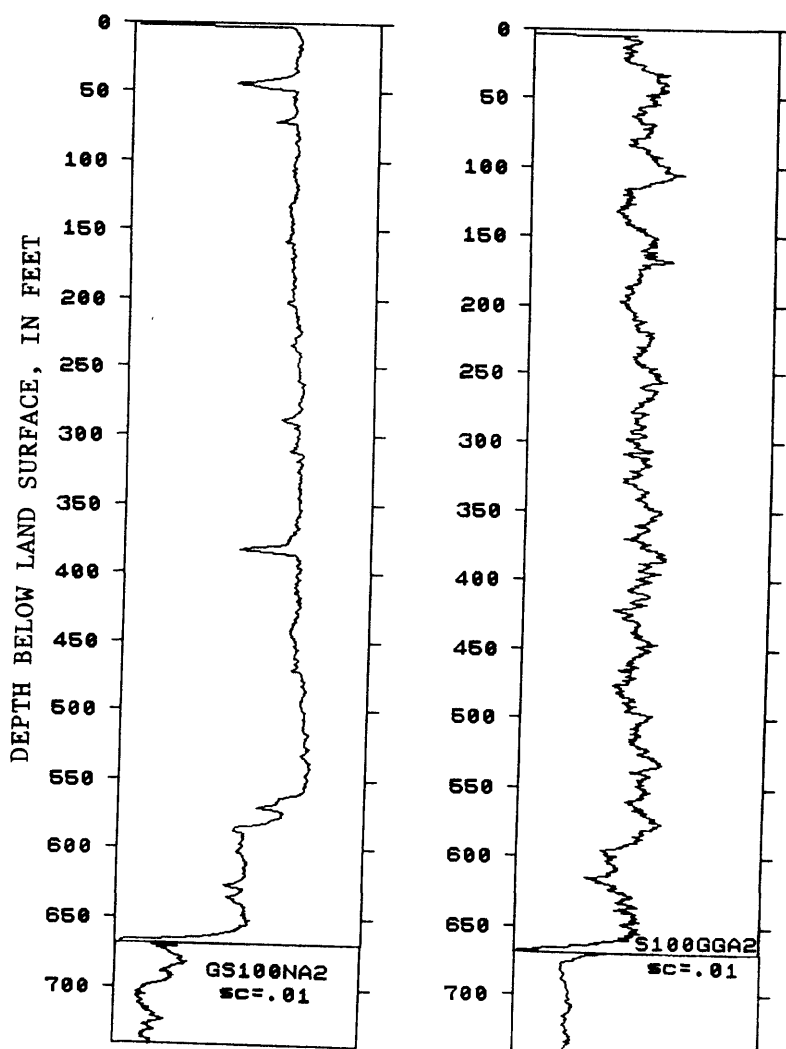
SC=.01\_(10-8-74)

0

50

0

50



GS100\_GA

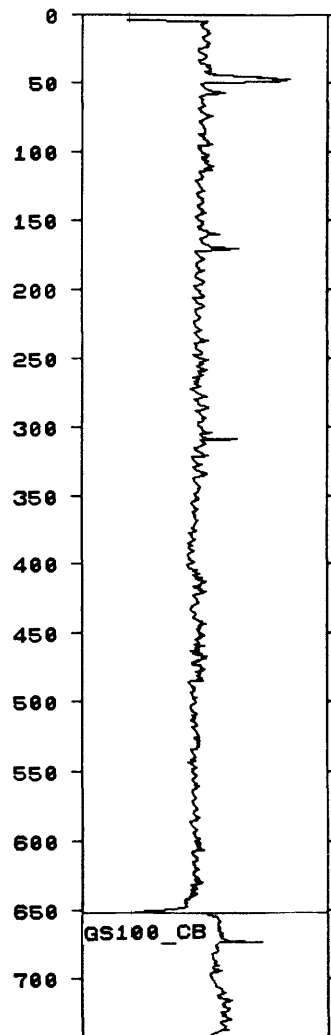
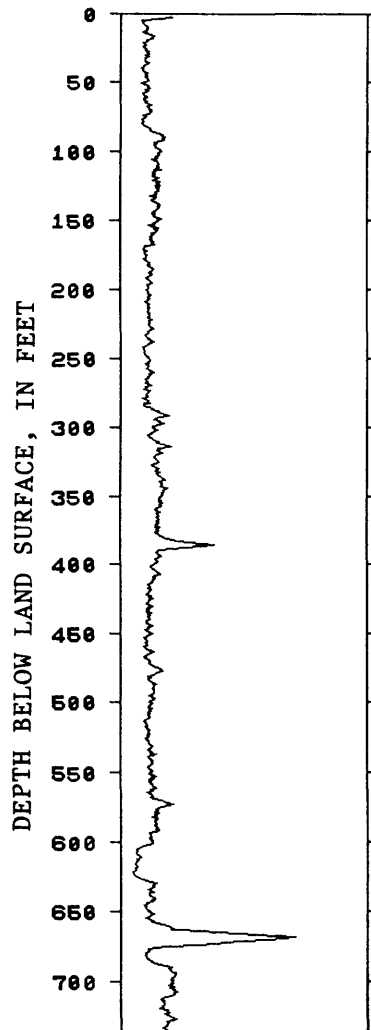
GS100\_CA

cr=50\_(4-3-80)

sc=in\_(9-16-74)

0 75

0 10

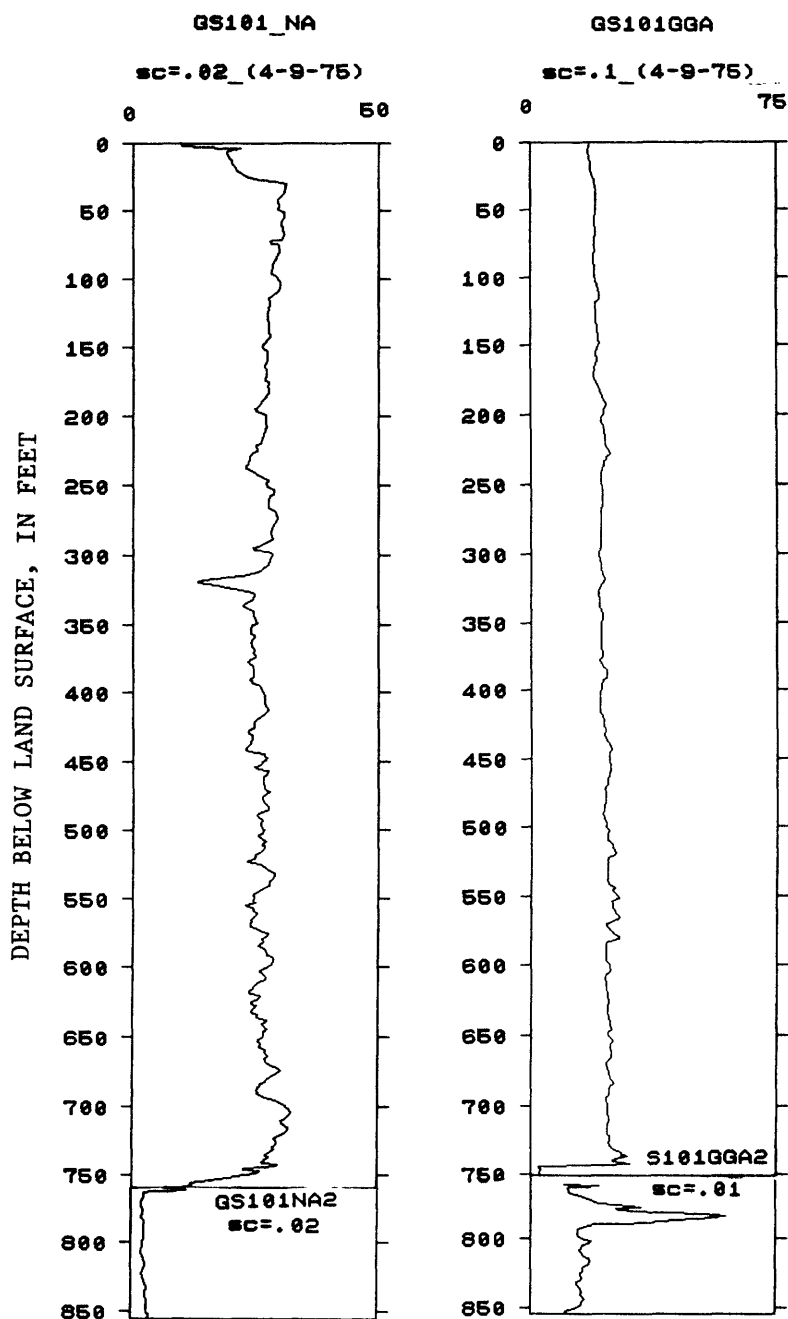


GS100\_CB

Well identifier:	USGS-101	Altitude:	5250 ft
Well location:	03N-32E-36add1	Depth of well:	865 ft
Latitude and longitude:	433255 1123818	Depth of hole:	865 ft
Site identifier:	433255112381801	Total depth logged:	853 ft
County:	Bingham		

Remarks:

Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 2, 10. Digitized and processed logs are on disks 2, 12. Neutron log shown is a combination of 2 digitized logs. Line break separates GS101\_NA and GS101NA2. Gamma-gamma log shown was digitized at 2 different scales--sc=.1,.01. Line break indicates base of upper logged interval.

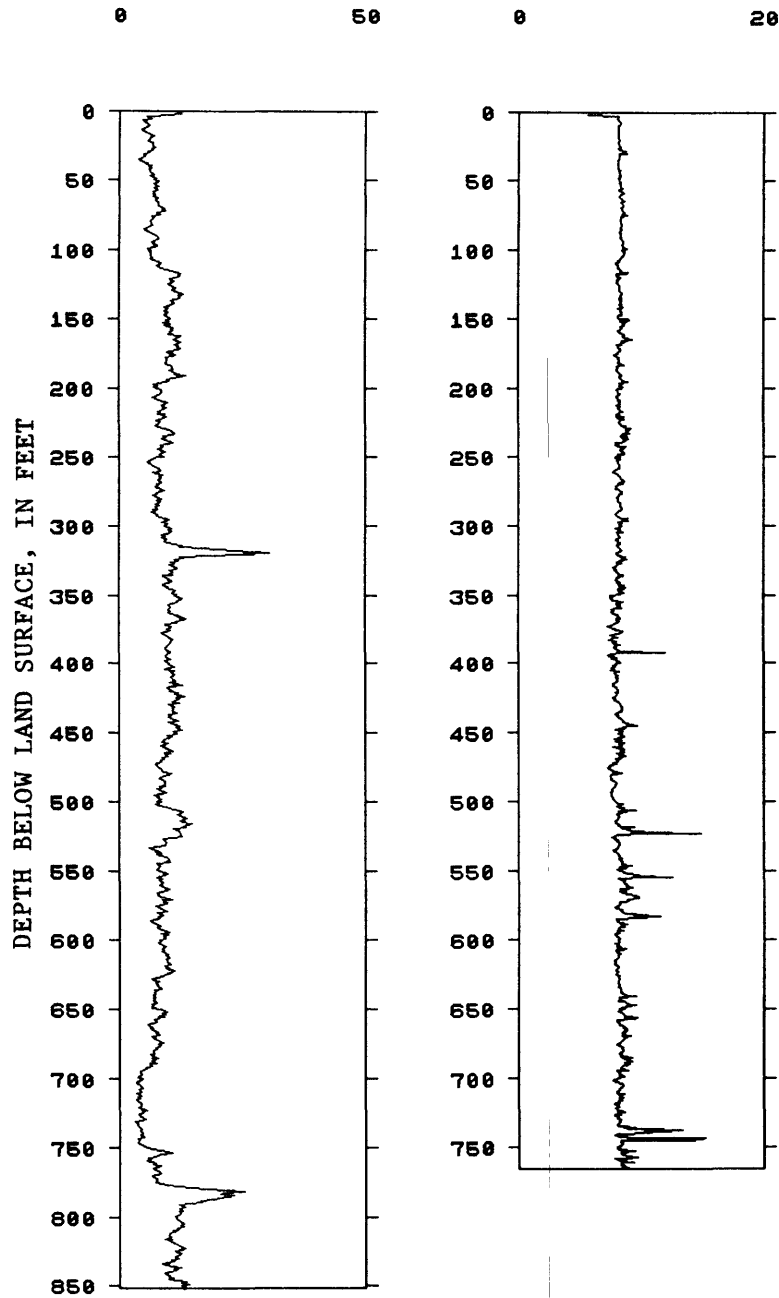


GS101GB1

GS101\_CA

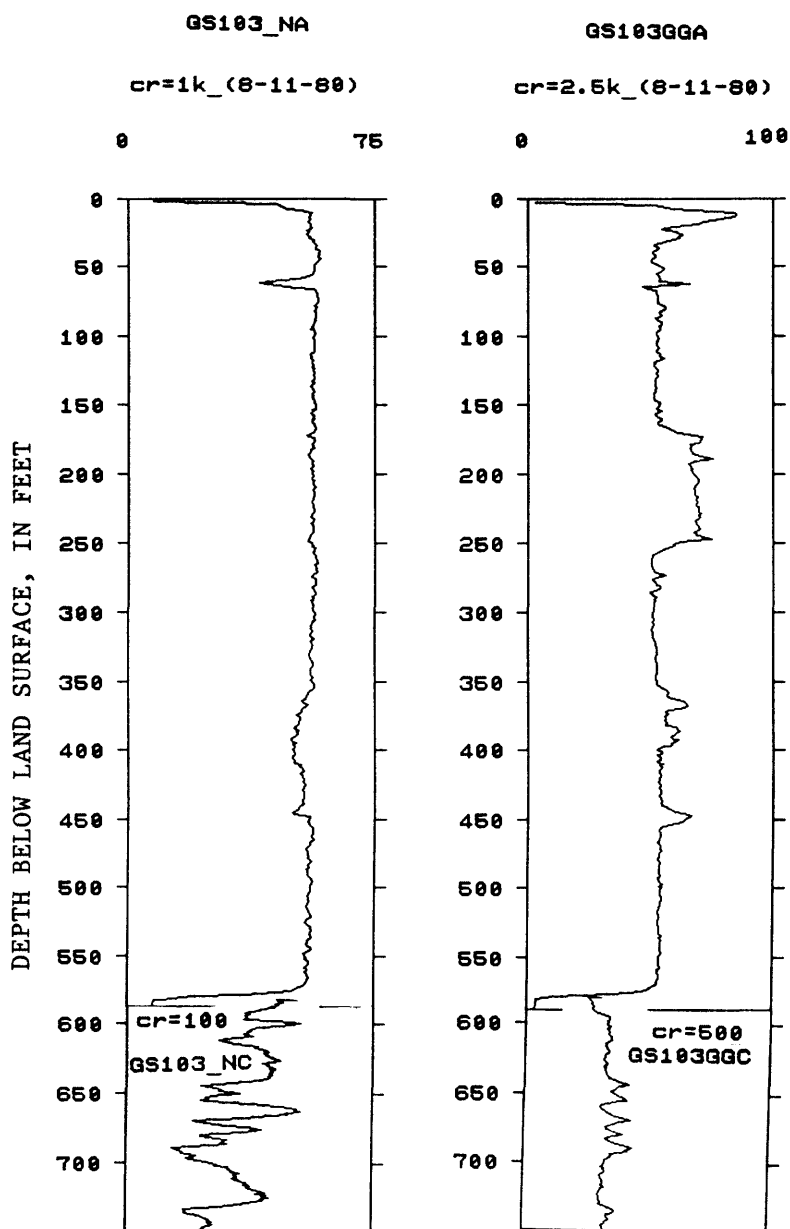
cr=50\_(4-3-80)

sc=in\_(8-28-74)



Well identifier:	USGS-103	Altitude:	5009 ft
Well location:	02N-30E-31cbcl	Depth of well:	760 ft
Latitude and longitude:	432714 1125606	Depth of hole:	760 ft
Site identifier:	432714112560701	Total depth logged:	750 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2. Neutron log shown was digitized at 2 different scales--cr=1k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,500. Line breaks indicate base of upper logged intervals. Caliper log shown is a combination of 2 digitized logs. Line break separates GS103\_CB and GS103\_CD.

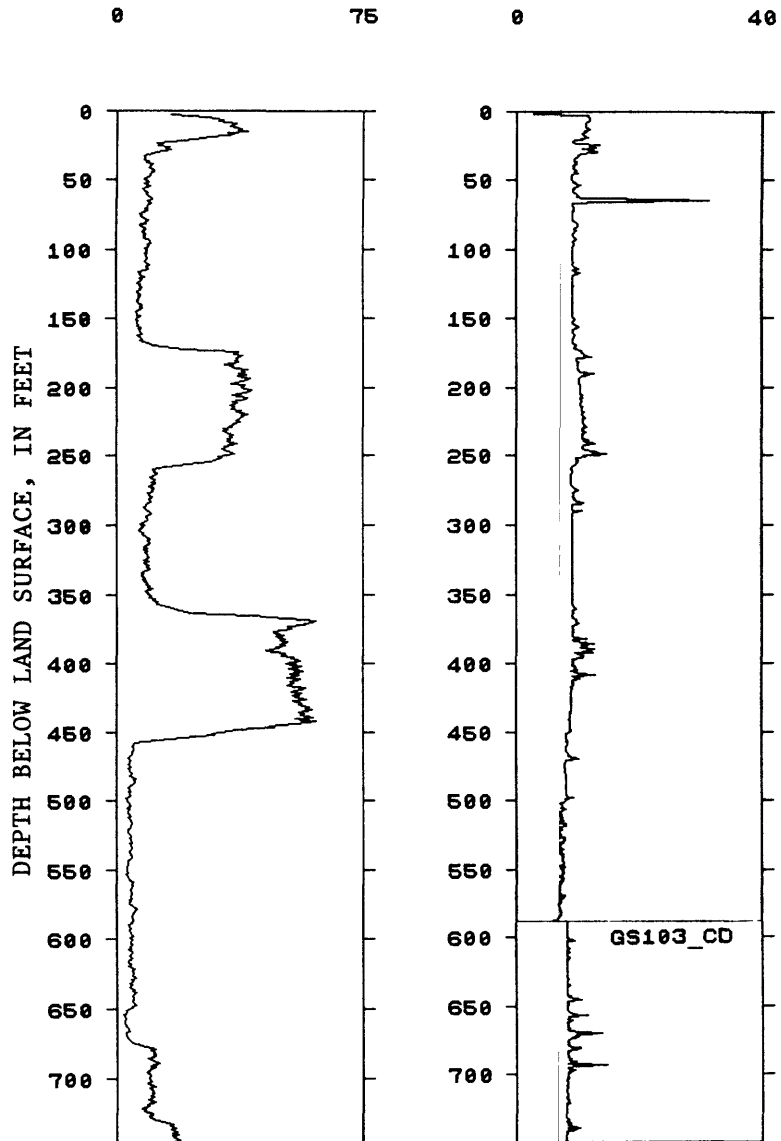


GS103\_GC

GS103\_CB

cr=50\_(9-29-80)

sc=in\_(8-11-80)





Well identifier:	USGS-104	Altitude:	4991 ft
Well location:	02N-29E-24dad1	Depth of well:	700 ft
Latitude and longitude:	432856 1125608	Depth of hole:	700 ft
Site identifier:	432856112560801	Total depth logged:	695 ft
County:	Butte		

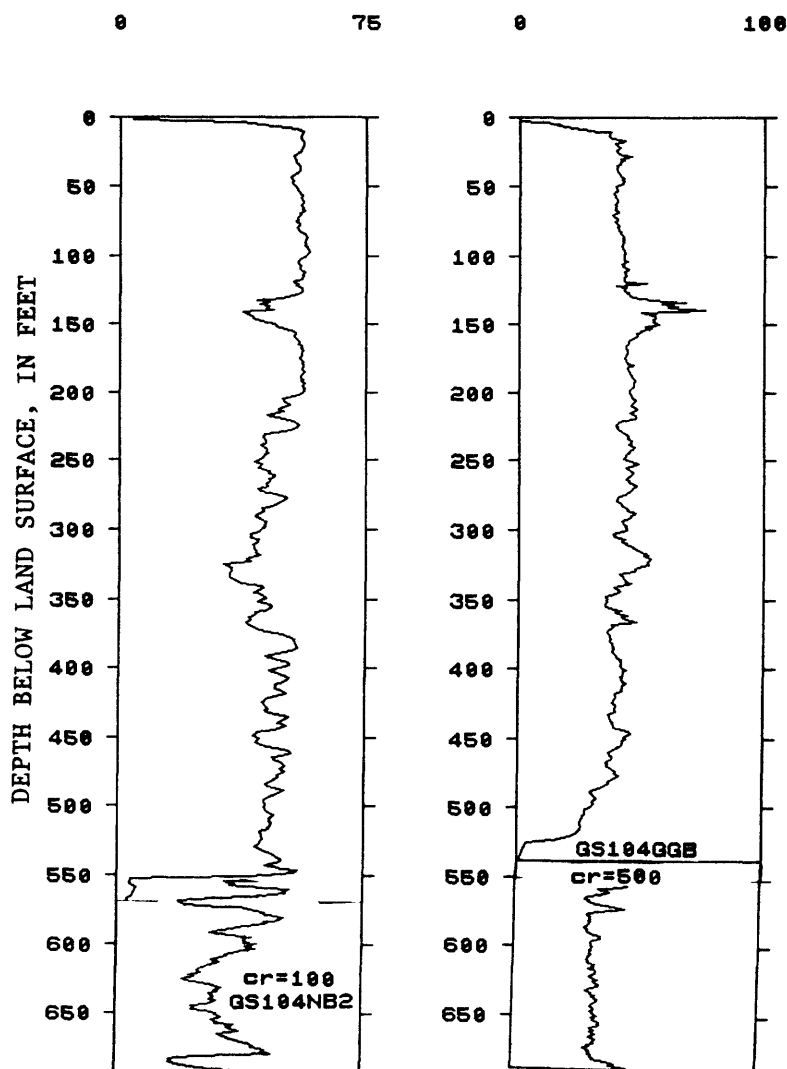
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2. Neutron log shown was digitized at 2 different scales--cr=1k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,500. Gamma log shown was digitized at 2 different scales--cr=100,50. Line breaks indicate base of upper logged intervals. Caliper log shown is a combination of 2 digitized logs. Line break separates GS104\_CA and GS104\_CB.

**GS104NB1**

**GS104GGA**

**cr=1k\_(8-29-88)**

**cr=2.5k\_(8-14-88)**



GS104\_GA

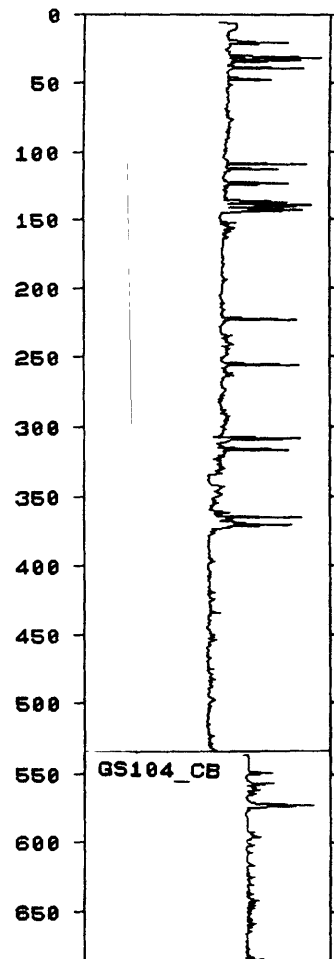
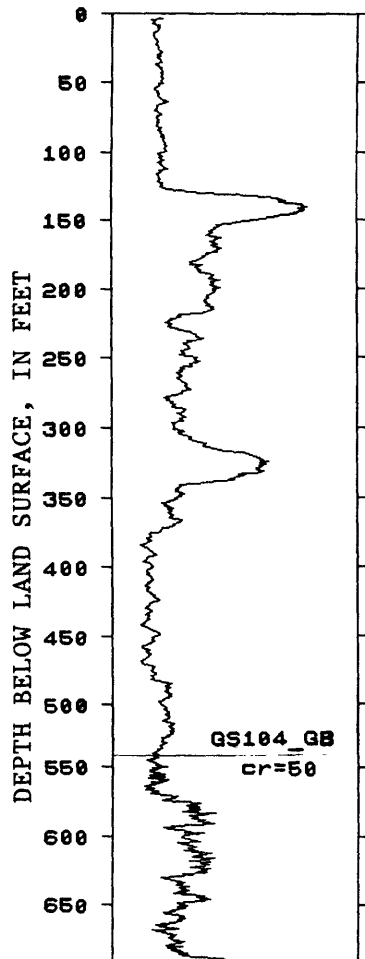
GS104\_CA

cr=100\_(8-14-80)

sc=in\_(8-14-80)

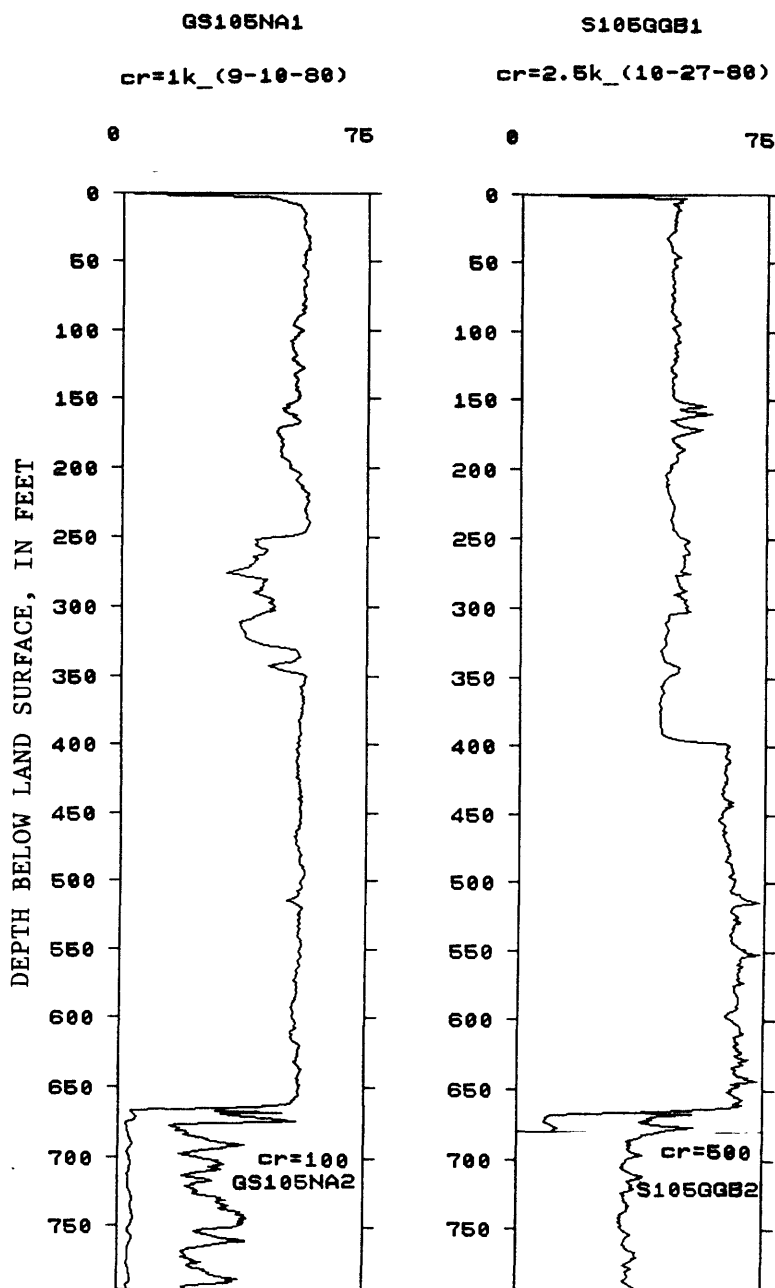
0 50

0 20



Well identifier:	USGS-105	Altitude:	5090 ft
Well location:	02N-29E-33dcc1	Depth of well:	800 ft
Latitude and longitude:	432703 1130017	Depth of hole:	800 ft
Site identifier:	432703113001801	Total depth logged:	796 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2. Neutron log shown was digitized at 2 different scales--cr=1k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,500. Line breaks indicate base of upper logged intervals. Caliper log shown is a combination of 2 digitized logs. Line break separates GS105\_CA and GS105\_CB.

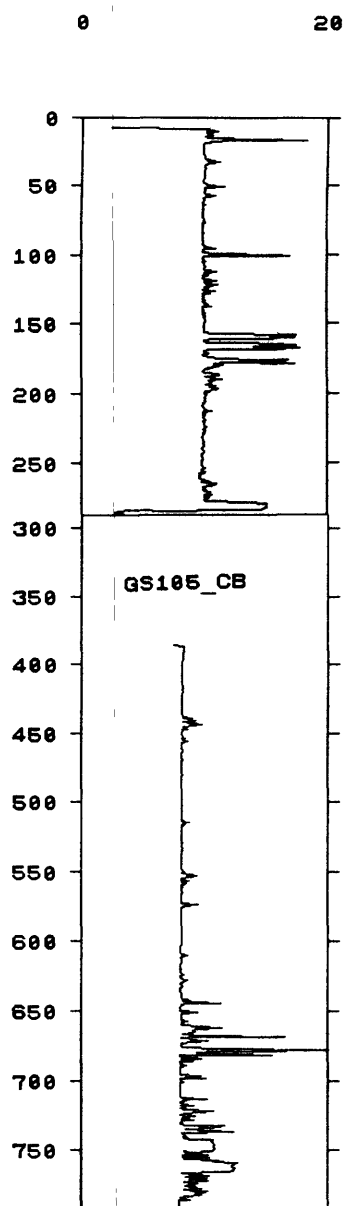
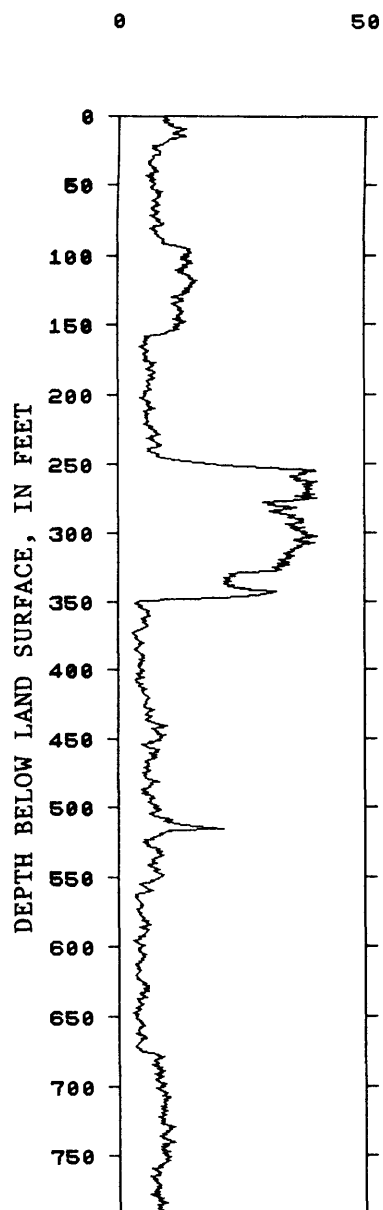


GS105\_GC

GS105\_CA

cr=50\_(12-17-80)

sc=in\_(8-28-80)



Well identifier:	USGS-106	Altitude:	5017 ft
Well location:	02N-29E-15cba1	Depth of well:	760 ft
Latitude and longitude:	432959 1125930	Depth of hole:	760 ft
Site identifier:	432959112593101	Total depth logged:	756 ft
County:	Butte		

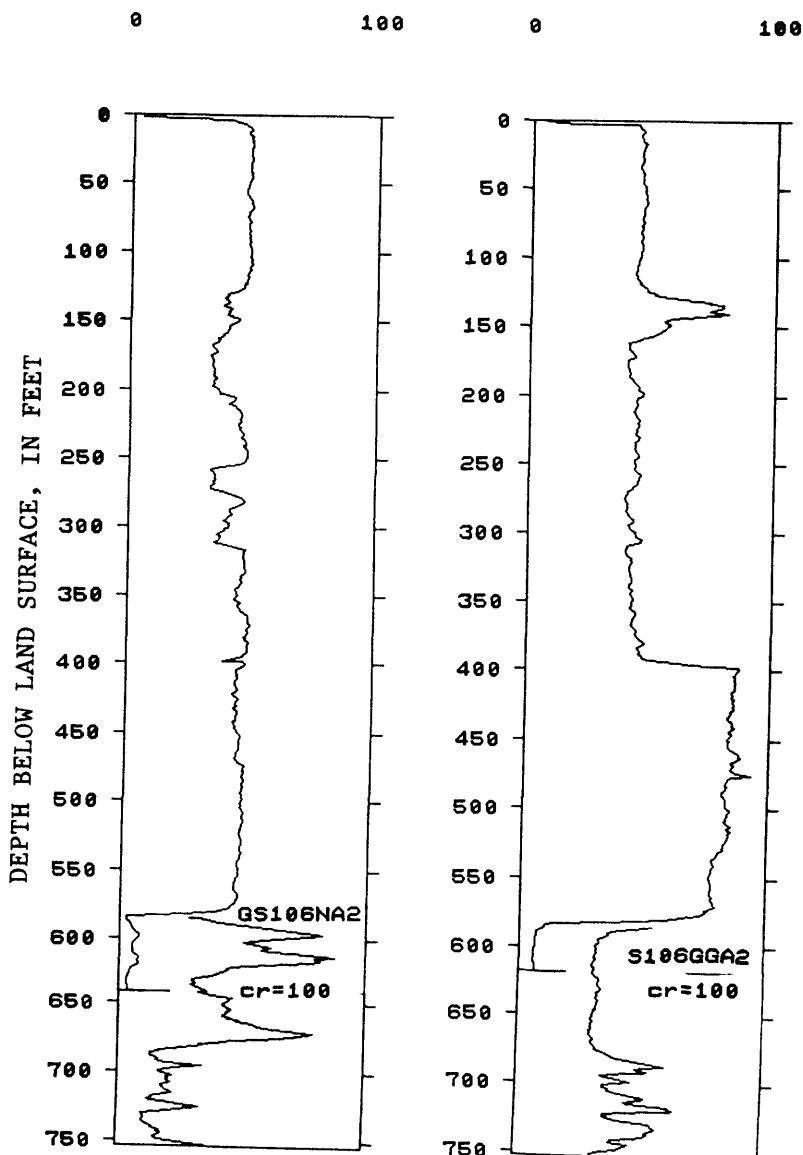
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2. Neutron log shown was digitized at 2 different scales--cr=1k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,100. Line breaks indicate base of upper logged intervals.

**GS106NA1**

**S106GGA1**

**cr=1k\_(9-1-80)**

**cr=2.5k\_(9-1-80)**

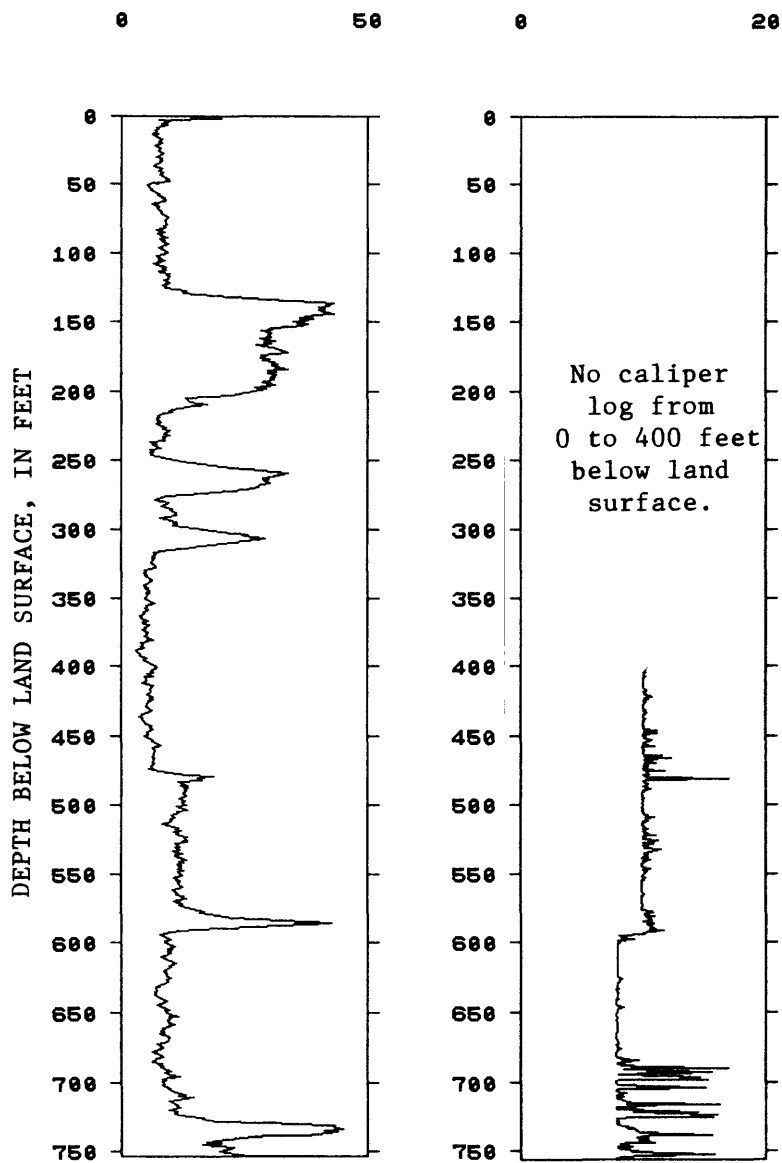


GS106\_GA

GS106\_CA

cr=50\_(9-1-80)

sc=in\_(9-1-80)



Well identifier:	USGS-107	Altitude:	4919 ft
Well location:	02N-30E-16cca1	Depth of well:	690 ft
Latitude and longitude:	432942 1125327	Depth of hole:	690 ft
Site identifier:	432942112532801	Total depth logged:	682 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2. Neutron log shown was digitized at 2 different scales--cr=1k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,500. Line breaks indicate base of upper logged intervals.

**GS107NA1**

**S107GGA1**

**cr=1k\_(10-28-80)**

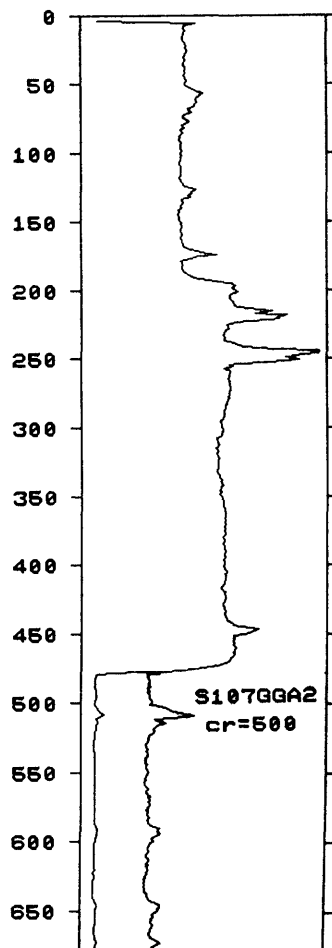
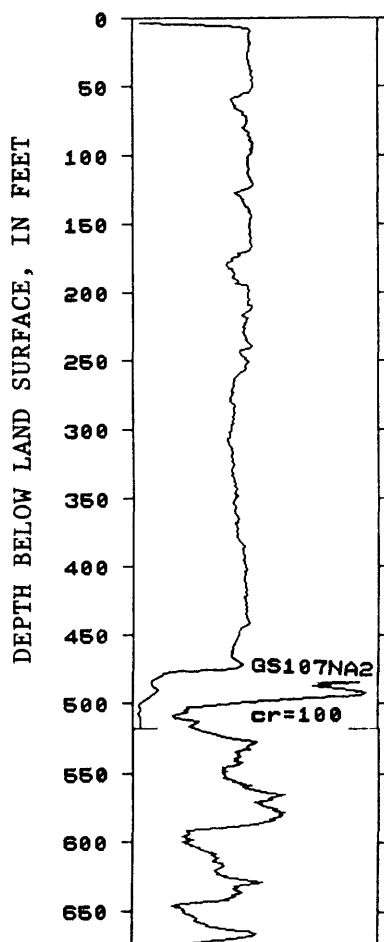
**cr=2.5k\_(10-28-80)**

**0**

**100**

**0**

**105**



GS107\_GB

GS107\_CC

cr=50\_(9-9-80)

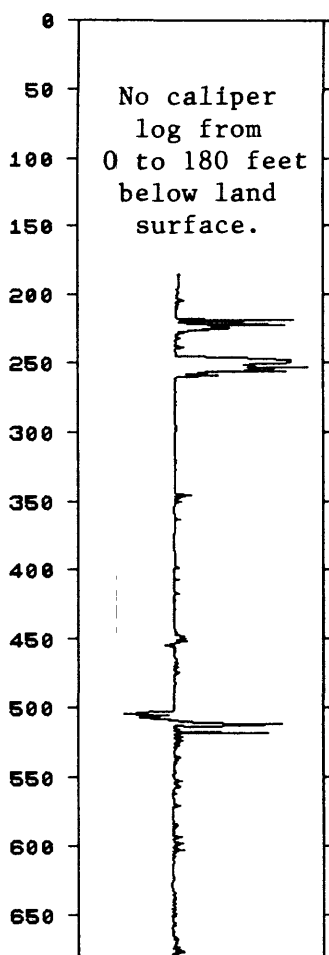
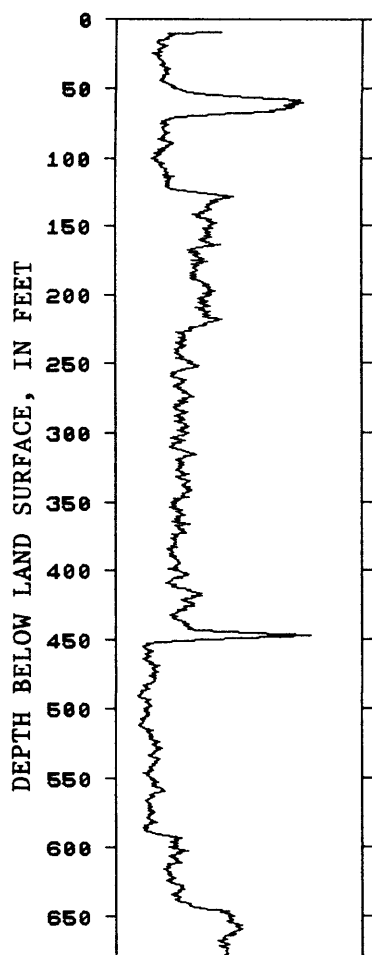
in\_(9-9-80)

0

50

0

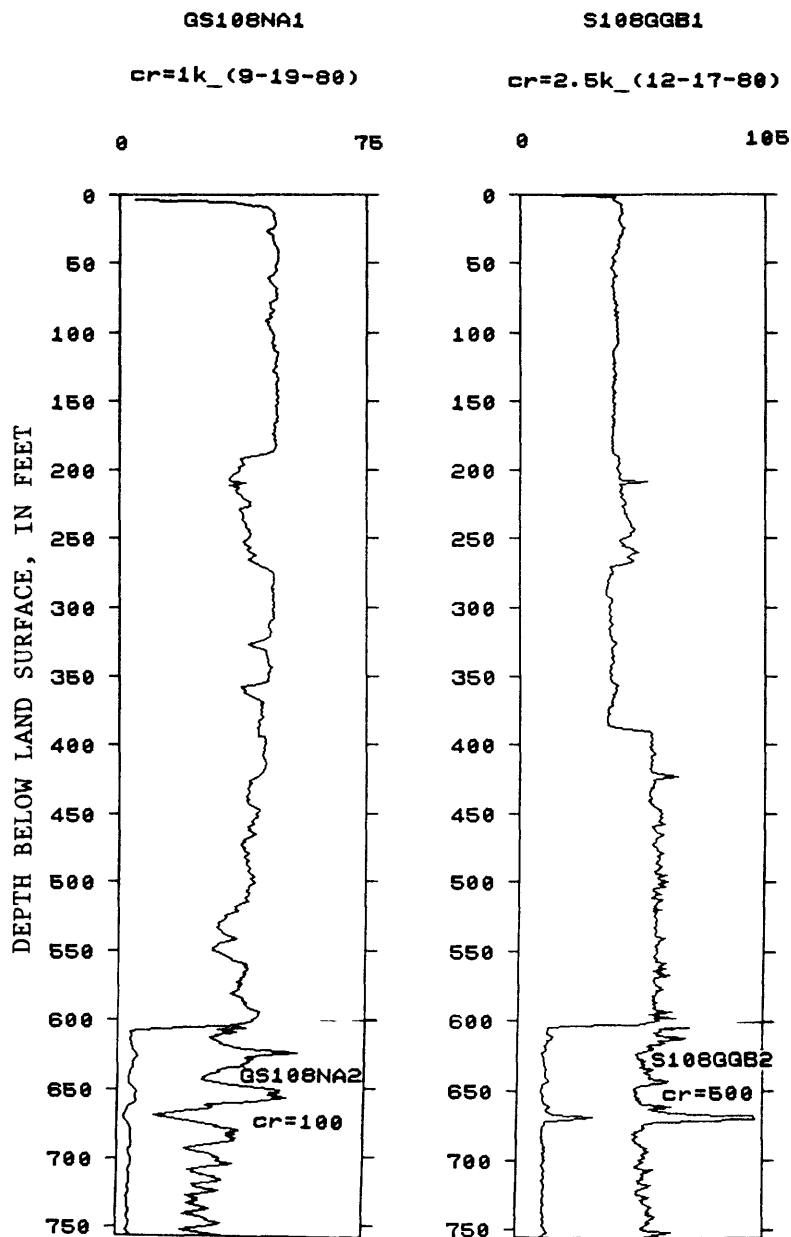
20





Well identifier:	USGS-108	Altitude:	5033 ft
Well location:	02N-29E-35ccc1	Depth of well:	760 ft
Latitude and longitude:	432659 1125826	Depth of hole:	760 ft
Site identifier:	432659112582601	Total depth logged:	759 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2. Caliper log shown is a combination of 2 digitized logs. Line break separates GS108\_CA and GS108\_CB. Neutron log shown was digitized at 2 different scales--cr=1k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,500. Line break indicate base of upper logged intervals.

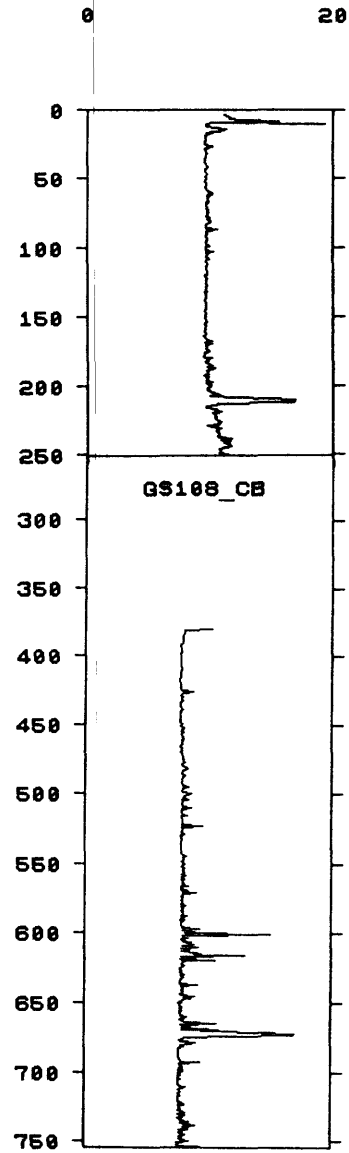
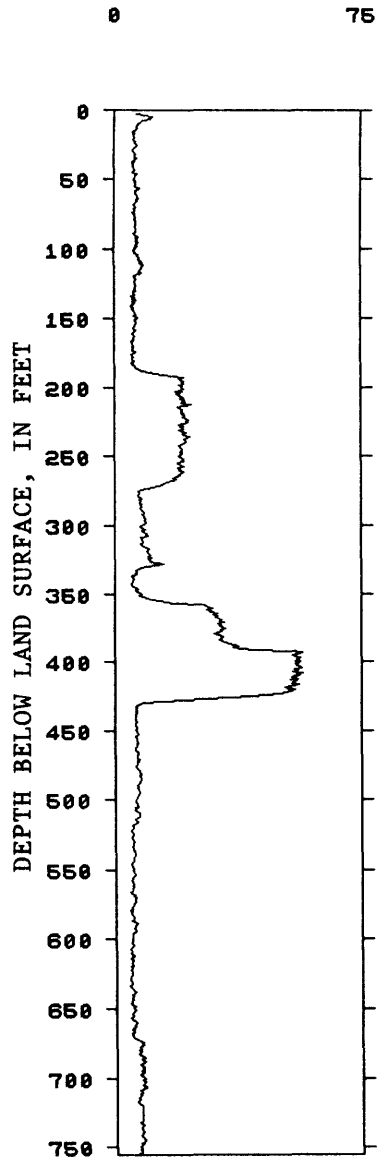


GS108\_GD

GS108\_CA

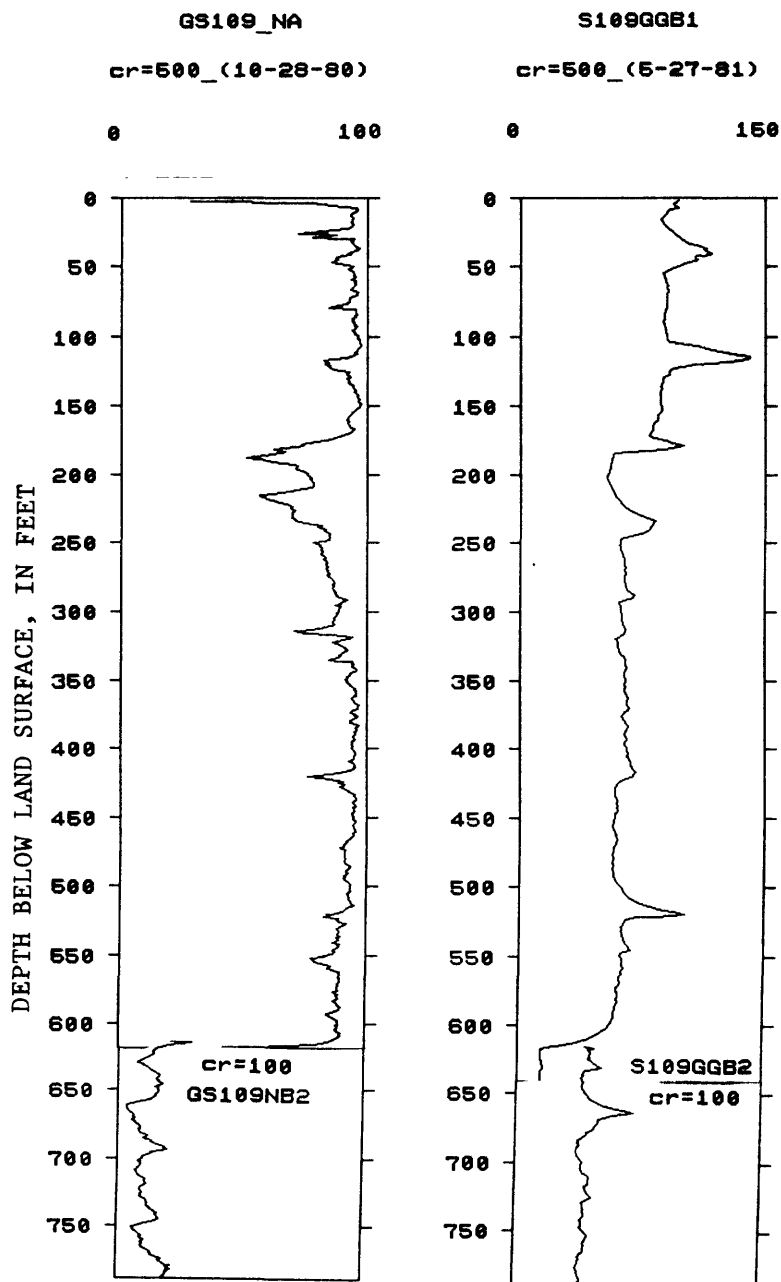
cr=100\_(10-27-80)

in\_(9-13-80)



Well identifier:	USGS-109	Altitude:	5045 ft
Well location:	02N-29E-31cdc1	Depth of well:	800 ft
Latitude and longitude:	432701 1130255	Depth of hole:	800 ft
Site identifier:	432701113025601	Total depth logged:	790 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2. Neutron log shown was digitized at 2 different scales--cr=500,100. Gamma-gamma log shown was digitized at 2 different scales--cr=500,100. Line breaks indicate base of upper logged intervals.

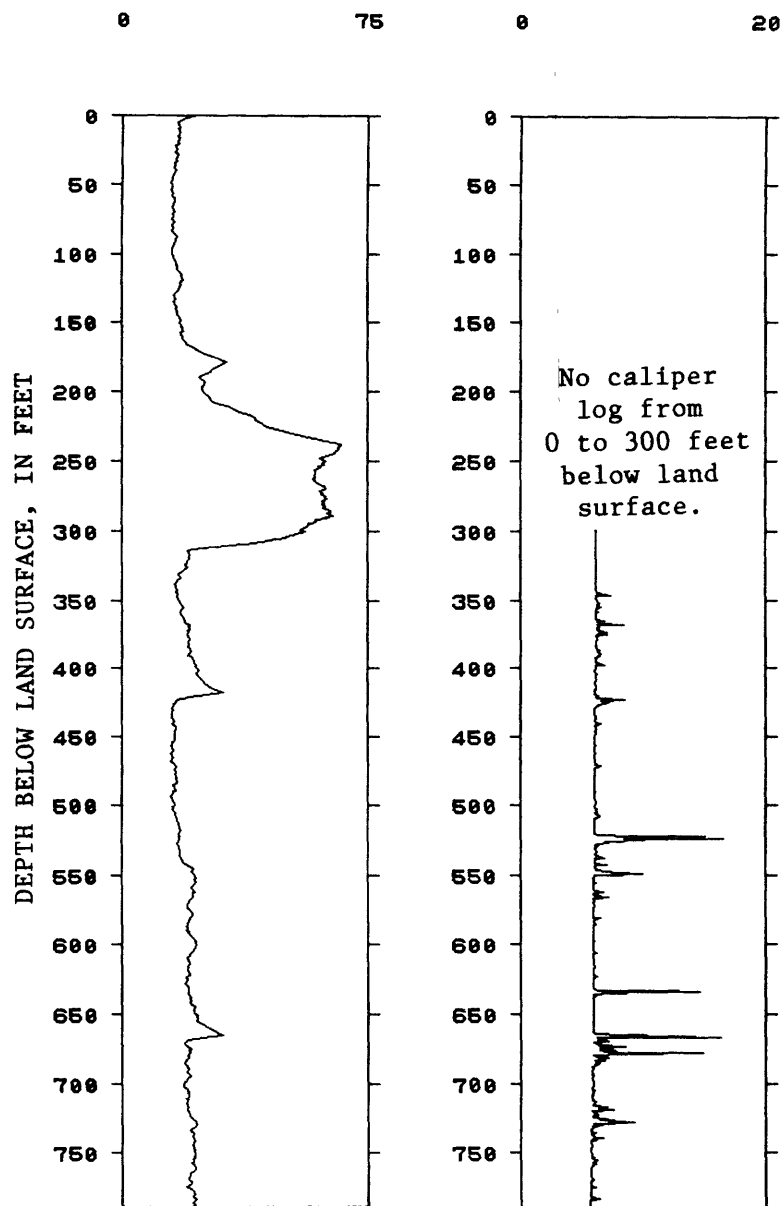


GS109\_GB

GS109\_CA

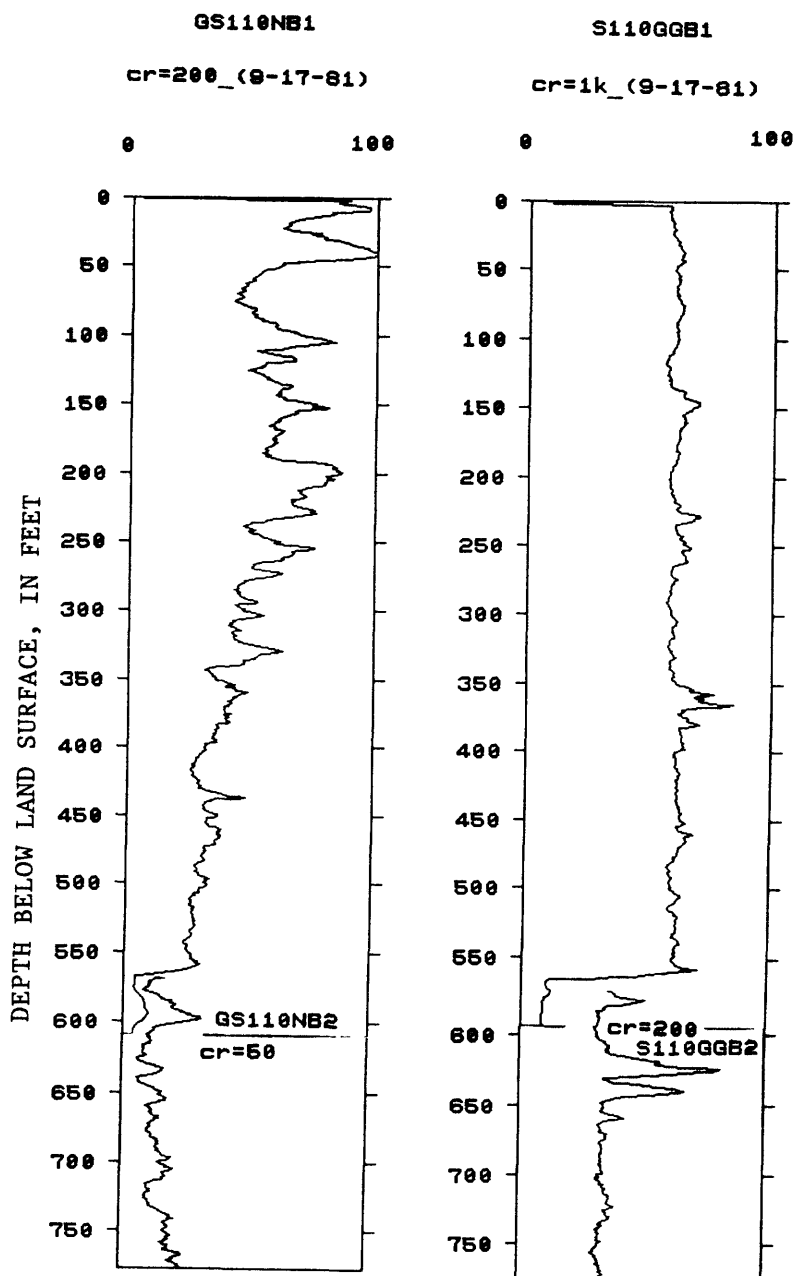
cr=50\_(5-27-81)

in\_(9-25-80)



Well identifier:	USGS-110	Altitude:	5002 ft
Well location:	02N-30E-35dad1	Depth of well:	780 ft
Latitude and longitude:	432717 1125015	Depth of hole:	780 ft
Site identifier:	432717112501501	Total depth logged:	780 ft
County:	Butte		

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1. Neutron log shown was digitized at 2 different scales--cr=200,50. Gamma-gamma log shown was digitized at 2 different scales--cr=1k,200. Line breaks indicate base of upper logged intervals. Caliper log shown is a combination of 2 digitized logs. Line break separates GS110\_CA and GS110\_CB.

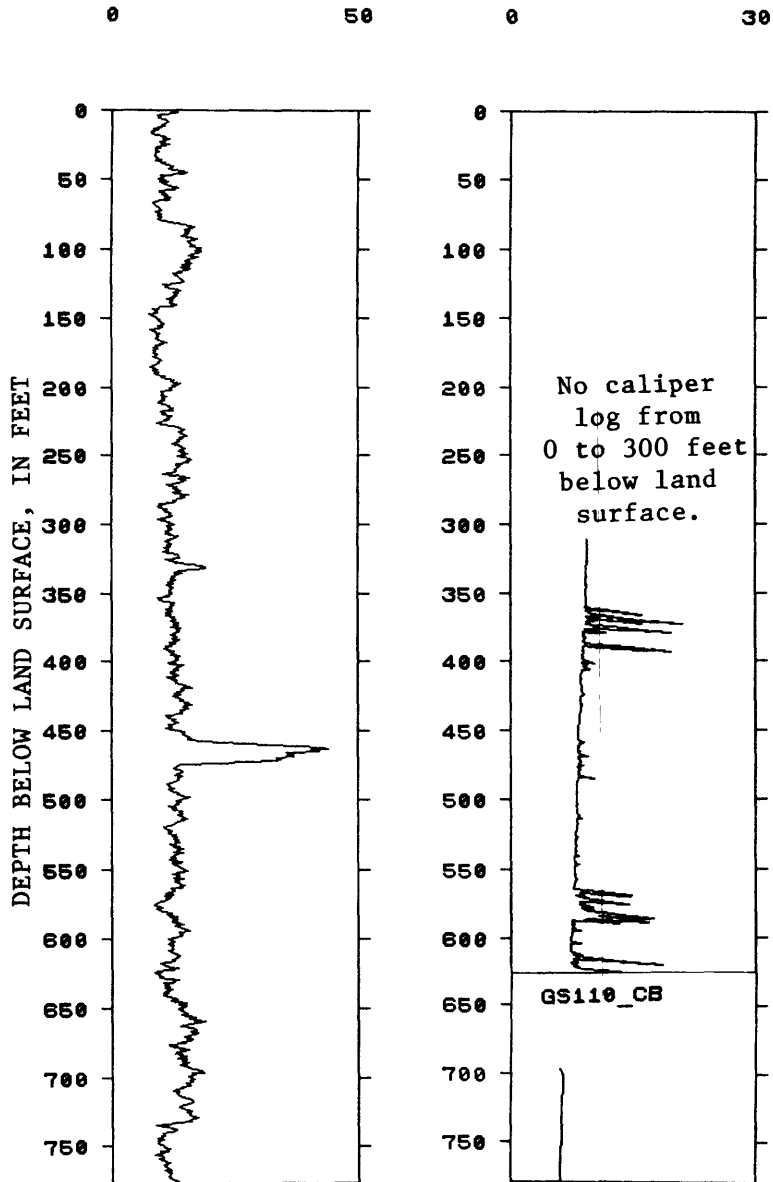


GS110\_GB

GS110\_CA

cr=50\_(9-17-81)

in\_(9-27-80)



Well identifier:	USGS-111	Altitude:	4920 ft
Well location:	03N-30E-30bcc1	Depth of well:	595 ft
Latitude and longitude:	433331 1125605	Depth of hole:	595 ft
Site identifier:	433331112560501	Total depth logged:	595 ft
County:	Butte		

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1. Neutron log shown was digitized at 2 different scales--cr=1k,200. Gamma-gamma log shown was digitized at 2 different scales--cr=10k,1k. Line breaks indicate base of upper logged intervals. Caliper log shown is a combination of 2 digitized logs. Line break separates GS111\_CA and GS111\_CC.

GS111\_N1

GS111GG1

cr=1k\_(12-19-84)

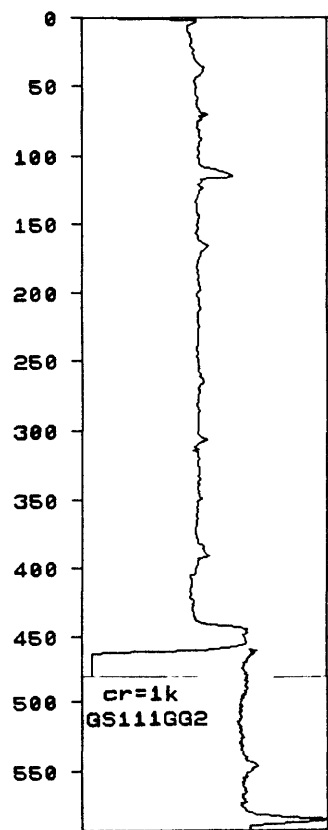
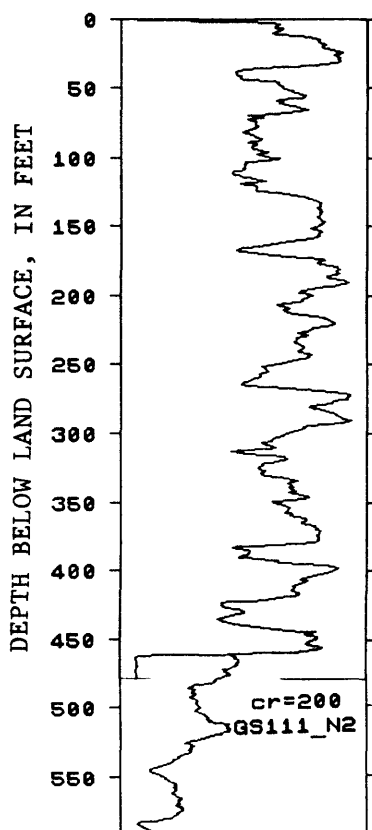
cr=10k\_(12-19-84)

0

100

0

105

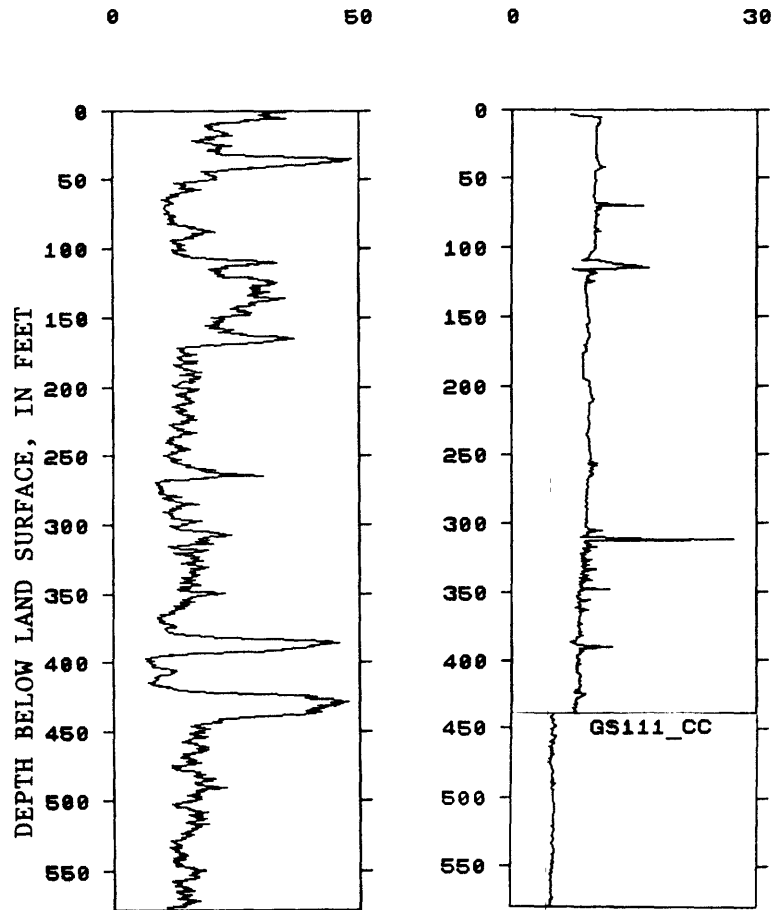


GS111\_GB

GS111\_CA

cr=50\_(8-30-84)

in\_(8-24-84)





Well identifier:	USGS-112	Altitude:	4927 ft
Well location:	03N-29E-25dca1	Depth of well:	563 ft
Latitude and longitude:	433314 1125630	Depth of hole:	563 ft
Site identifier:	433314112563001	Total depth logged:	561 ft
County:	Butte		

**Remarks:**

Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1. Neutron log shown was digitized at 2 different scales--cr=1k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=10k,2.5k. Line breaks indicate base of upper logged intervals. Caliper log shown is a combination of 2 digitized logs. Line break separates GS112\_CA and GS112\_CB.

**GS112\_N1**

**GS112GG1**

**cr=1k\_(12-18-84)**

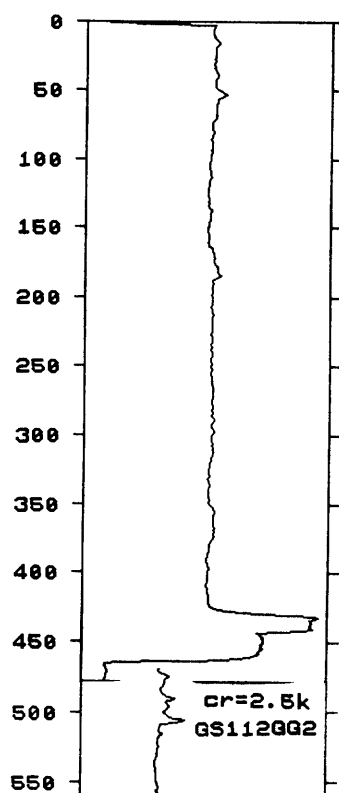
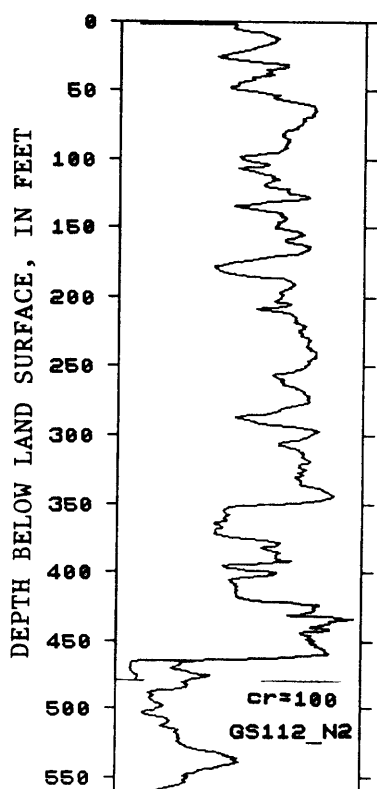
**cr=10k\_(12-18-84)**

0

105

0

105

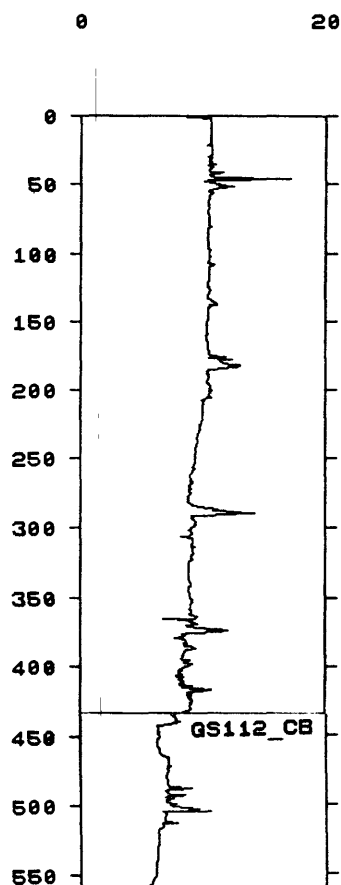
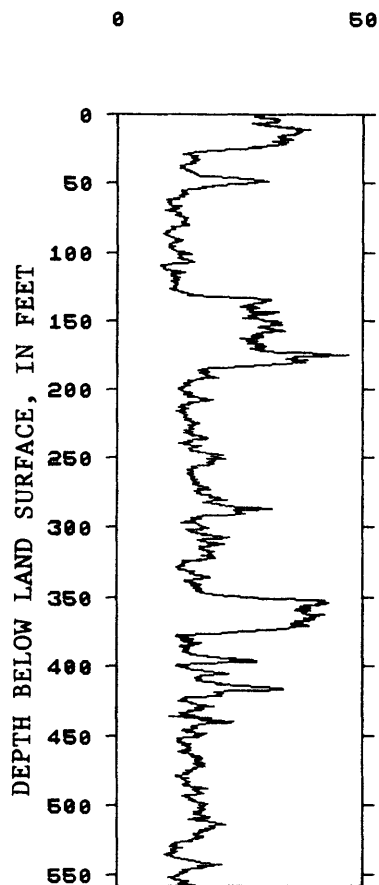


GS112\_GB

GS112\_CA

cr=50-(9-7-84)

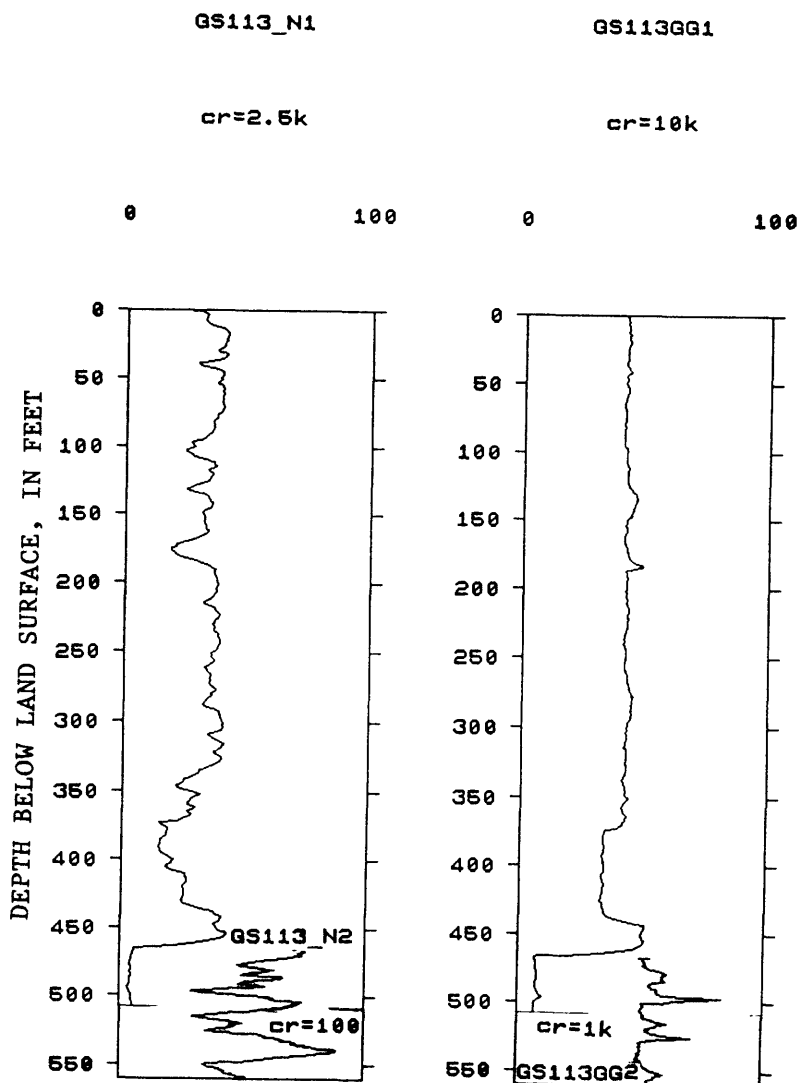
in-(9-4-84)



GS112\_CB

Well identifier:	USGS-113	Altitude:	4925 ft
Well location:	03N-29E-25ddb1	Depth of well:	564 ft
Latitude and longitude:	433314 1125618	Depth of hole:	564 ft
Site identifier:	433314112561801	Total depth logged:	561 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1. Neutron log shown was digitized at 2 different scales--cr=2.5k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=10k,1k. Line breaks indicate base of upper logged intervals. Caliper log shown is a combination of 2 digitized logs. Line break separates GS113\_CA and GS113\_CB.

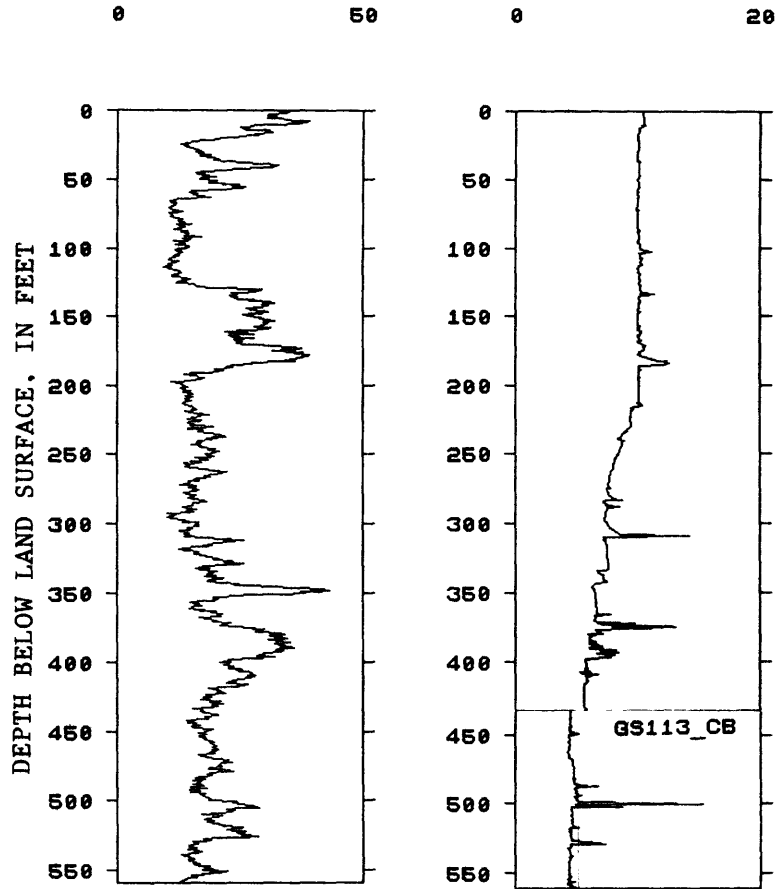


GS113\_GB

GS113\_CA

cr=50

in\_(9-7-84)



Well identifier:	USGS-114	Altitude:	4920 ft
Well location:	03N-30E-30cbd1	Depth of well:	562 ft
Latitude and longitude:	433318 1125550	Depth of hole:	562 ft
Site identifier:	433318112555001	Total depth logged:	560 ft
County:	Butte		

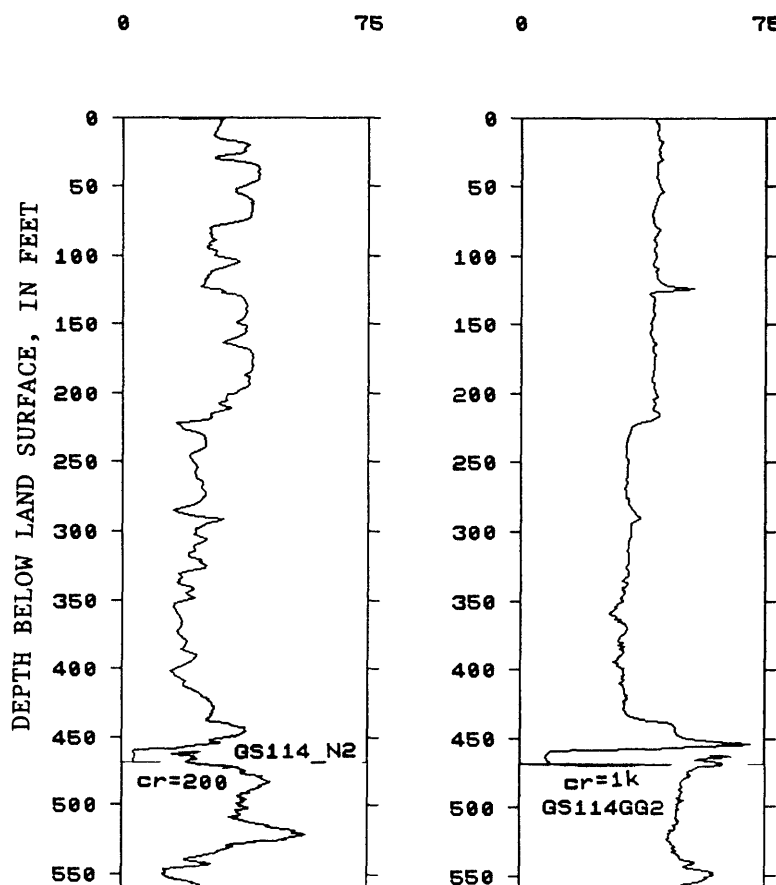
Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1. Neutron log shown was digitized at 2 different scales--cr=2.5k,200. Gamma-gamma log shown was digitized at 2 different scales--cr=10k,1k. Line breaks indicate base of upper logged intervals. Caliper log shown is a combination of 2 digitized logs. Line break separates GS114\_CB and GS114\_CD.

**GS114\_N1**

**GS114GG1**

**cr=2.5k**

**cr=10k**



GS114\_GB

GS114\_CB

cr=50

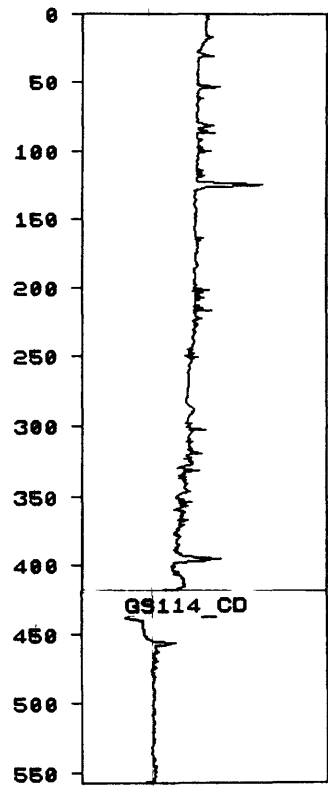
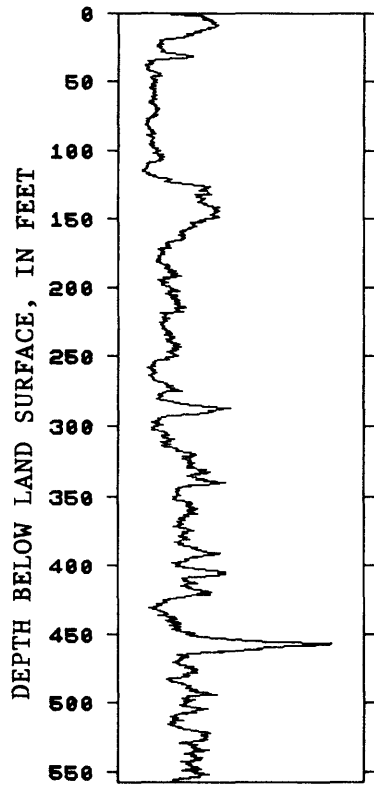
in

0

75

0

20



GS114\_CD

Well identifier:	USGS-115	Altitude:	4919 ft
Well location:	03N-30E-30caal	Depth of well:	581 ft
Latitude and longitude:	433320 1125541	Depth of hole:	581 ft
Site identifier:	433320112554101	Total depth logged:	578 ft
County:	Butte		

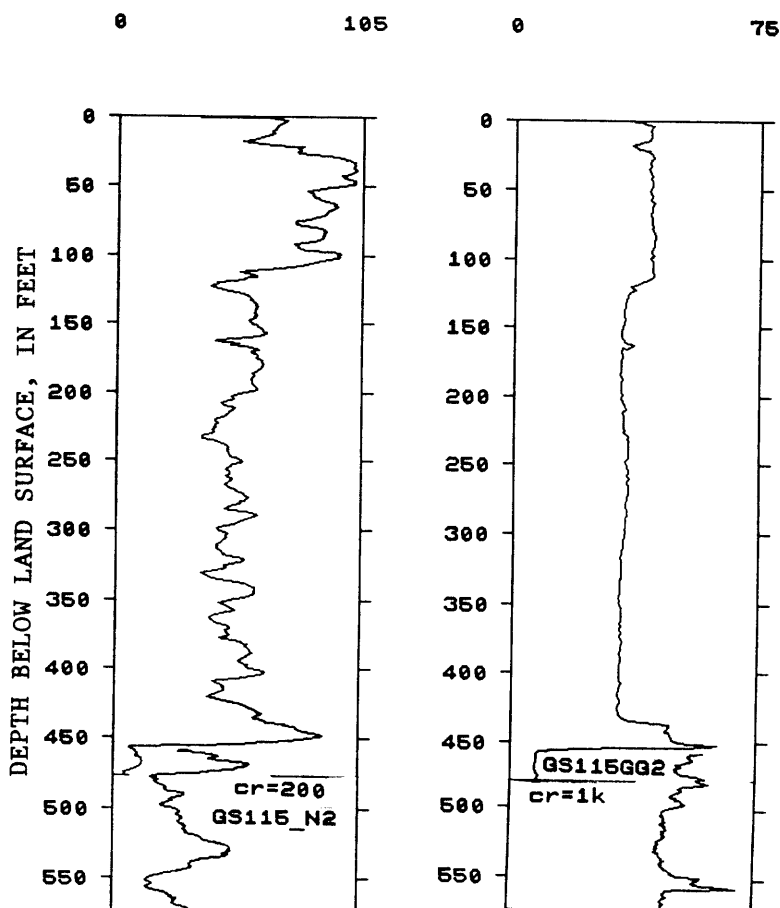
Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1. Neutron log shown was digitized at 2 different scales--cr=1k,200. Gamma-gamma log shown was digitized at 2 different scales--cr=10k,1k. Line breaks indicate base of upper logged interval. Caliper log shown is a combination of 2 digitized logs. Line break separates GS115\_CA and GS115\_CB.

GS115\_N1

GS115GG1

cr=1k

cr=10k



GS115\_GC

GS115\_CA

cr=50\_(9-21-84)

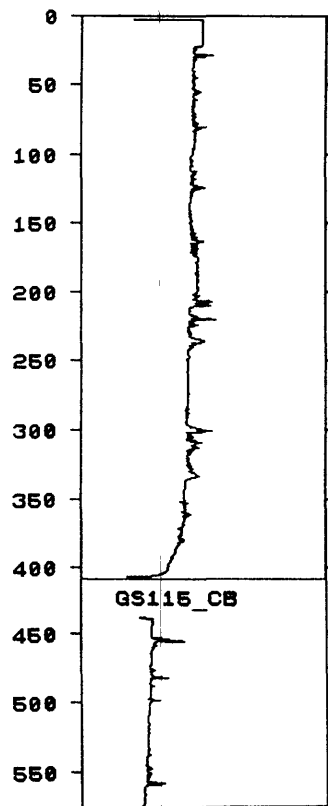
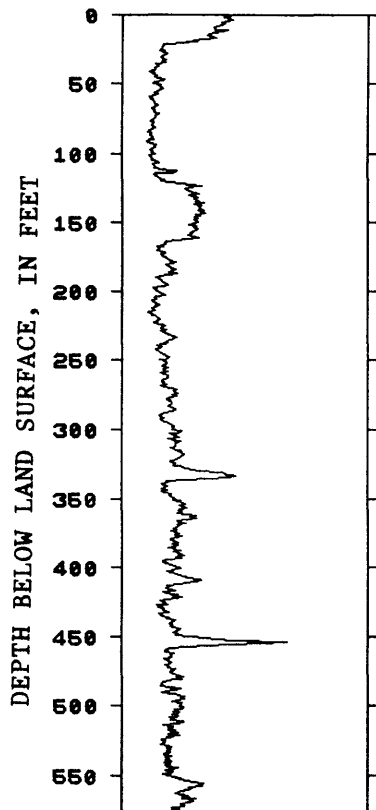
sc=in\_(9--17-84)

0

75

0

20





Well identifier:	USGS-116	Altitude:	4916 ft
Well location:	03N-30E-30acc1	Depth of well:	580 ft
Latitude and longitude:	433331 1125532	Depth of hole:	580 ft
Site identifier:	433331112553201	Total depth logged:	573 ft
County:	Butte		

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1. Neutron log shown was digitized at 2 different scales--cr=1k,200. Gamma-gamma log shown was digitized at 2 different scales--cr=10k,1k. Line breaks indicate base of upper logged intervals. Caliper log shown is a combination of 2 digitized logs. Line break separates GS116\_CA and GS116\_CB.

gs116\_n1

gs116gg1

cr=1k\_(12-17-84)

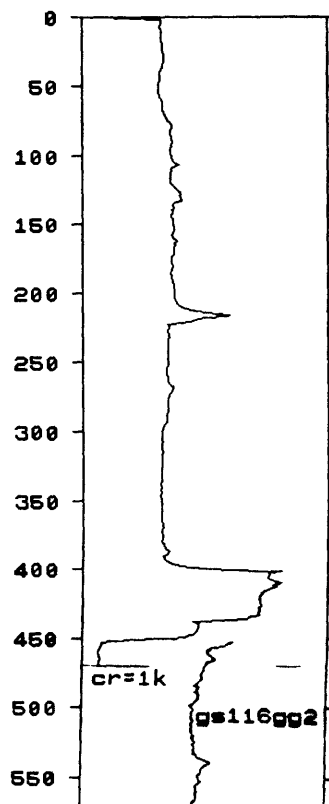
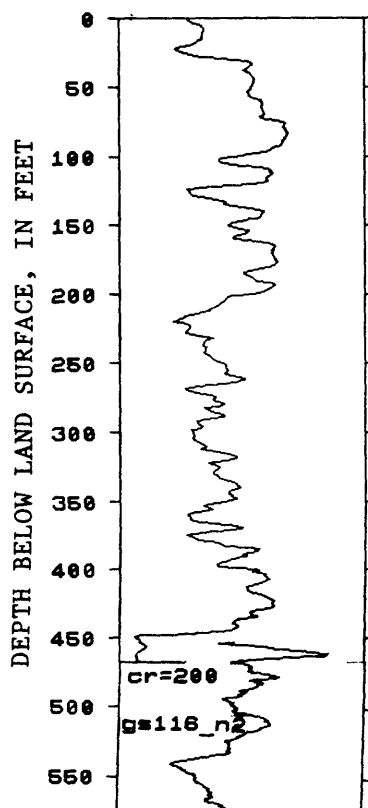
cr=10K\_(?)

0

75

0

100

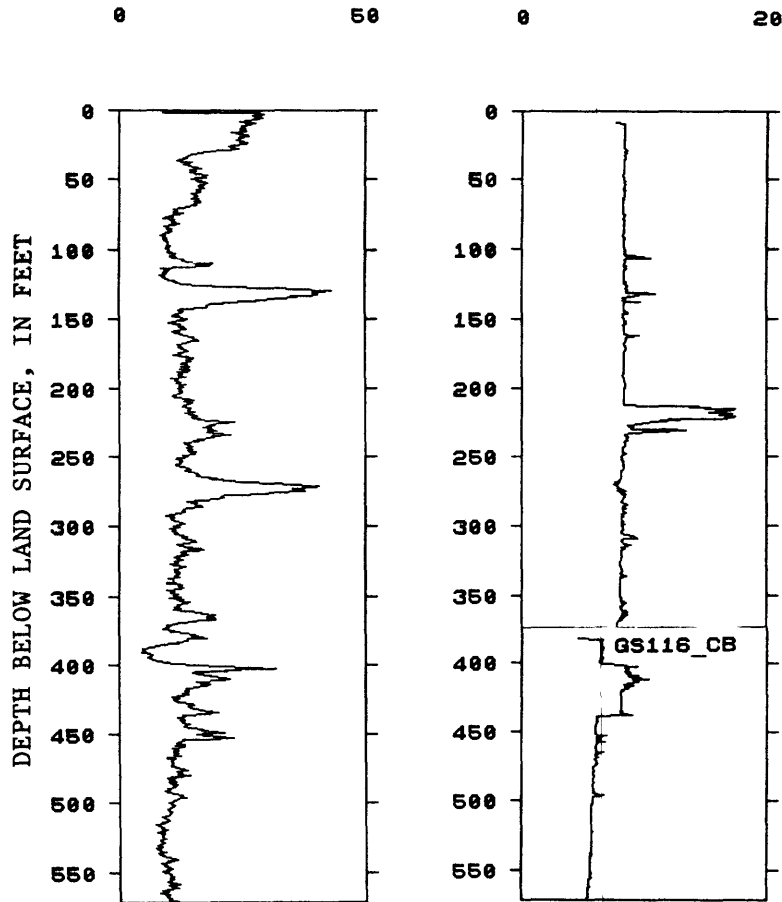


gs116\_gb

GS116\_CA

cr=50\_(12-17-84)

sc=in\_(10-2-84)



Well identifier:	USGS-117	Altitude:	5012 ft
Well location:	02N-29E-18cbd1	Depth of well:	655 ft
Latitude and longitude:	432955 1130259	Depth of hole:	655 ft
Site identifier:	432955113025901	Total depth logged:	653 ft
County:	Butte		

Remarks:

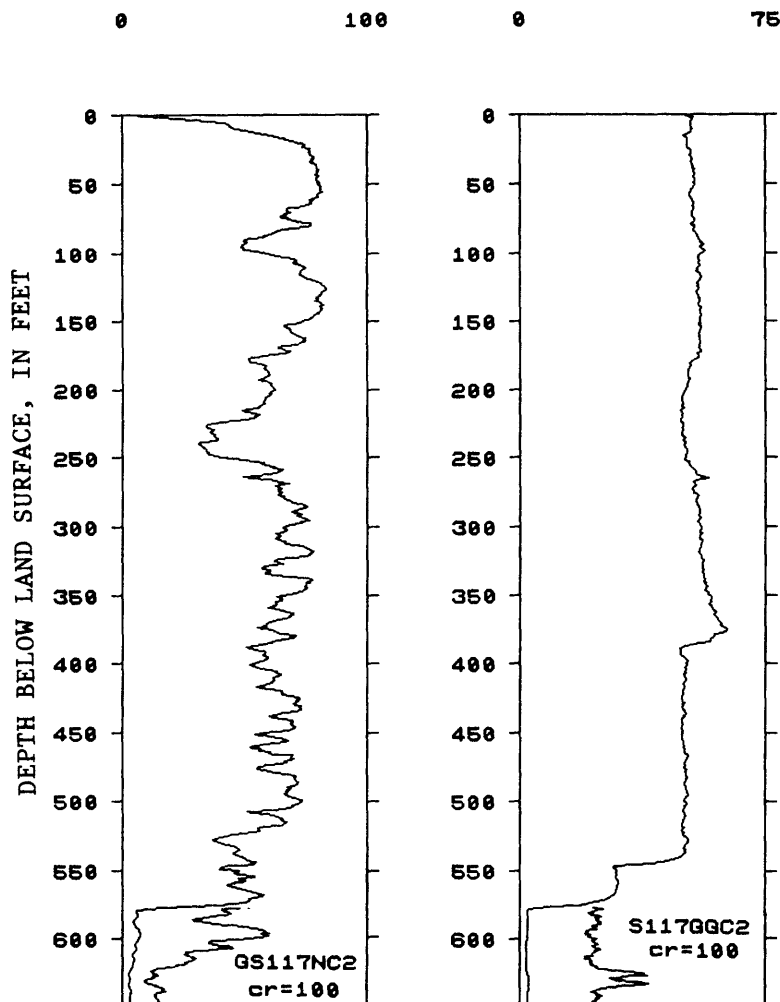
Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1,3. Gamma shown is a combination of 2 digitized logs. Line break separates GS117\_GC and GS117\_GD. Caliper log shown is a combination of 2 digitized logs. Line break separates GS117\_CA and GS117\_CC. Neutron log shown was digitized at 2 different scales--cr=1k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,100. Line breaks indicate base of upper logged intervals.

GS117NC1

S117GGC1

cr=1k\_(10-13-87)

cr=2.5k

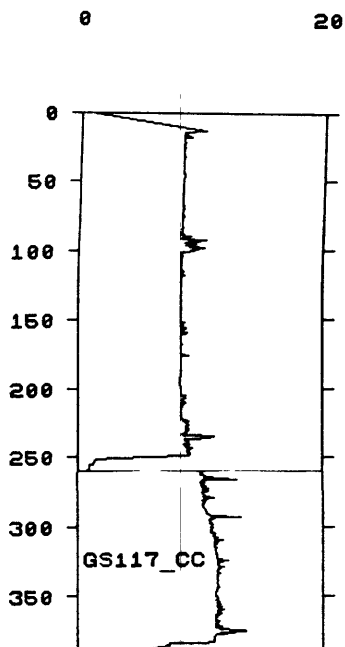
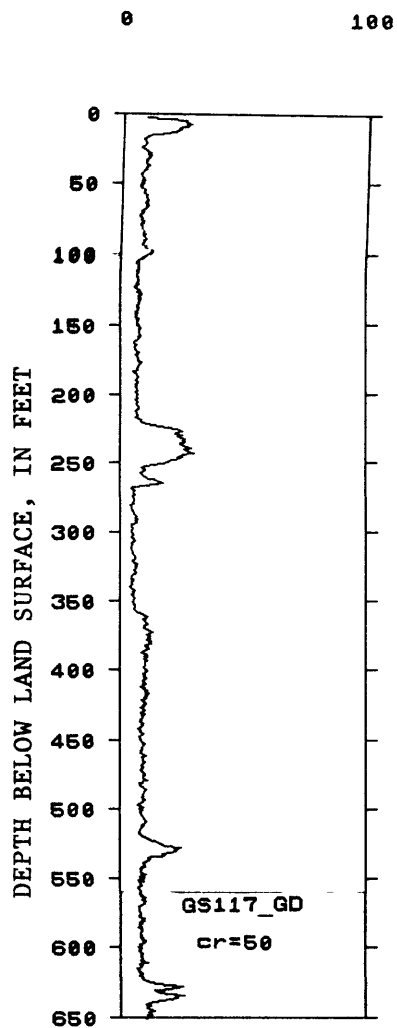


GS117\_GC

GS117\_CA

CR=50\_(10-5-87)

SC=IN\_(9-21-87)



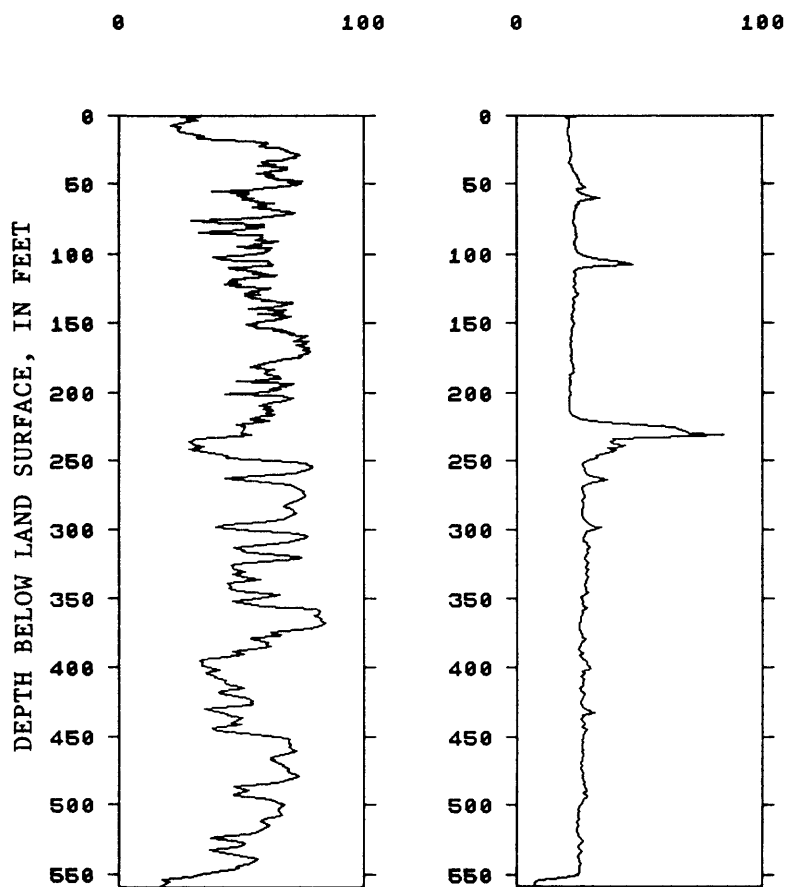
Well identifier:	USGS-118	Altitude:	5013 ft
Well location:	02N-29E-18dca1	Depth of well:	--
Latitude and longitude:	432947 1130230	Depth of hole:	--
Site identifier:	432947113023001	Total depth logged:	561 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1.		

GS118\_NA

GS118GGA

cr=1k\_(11-3-87)

cr=2.5k\_(11-3-87)



GS118\_GA

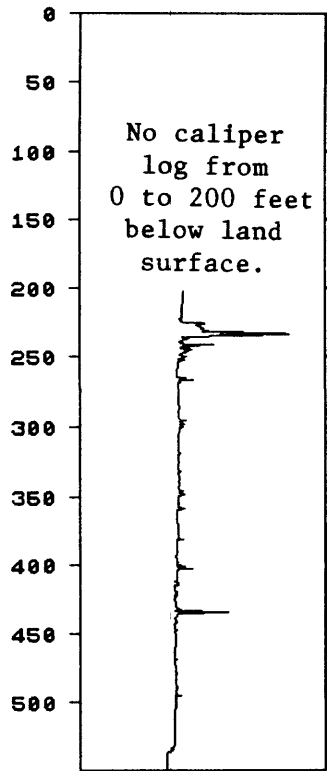
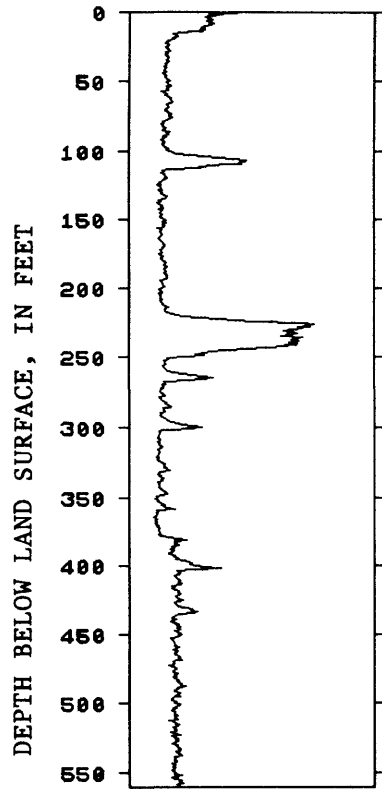
GS118\_CA

cr=50\_(11-3-87)

in\_(11-3-87)

0 100

0 10



Well identifier:	USGS-119	Altitude:	5031 ft
Well location:	02N-29E-18dcb1	Depth of well:	705 ft
Latitude and longitude:	432945 1130234	Depth of hole:	705 ft
Site identifier:	432945113023401	Total depth logged:	583 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1, 3.		

GS119\_NA

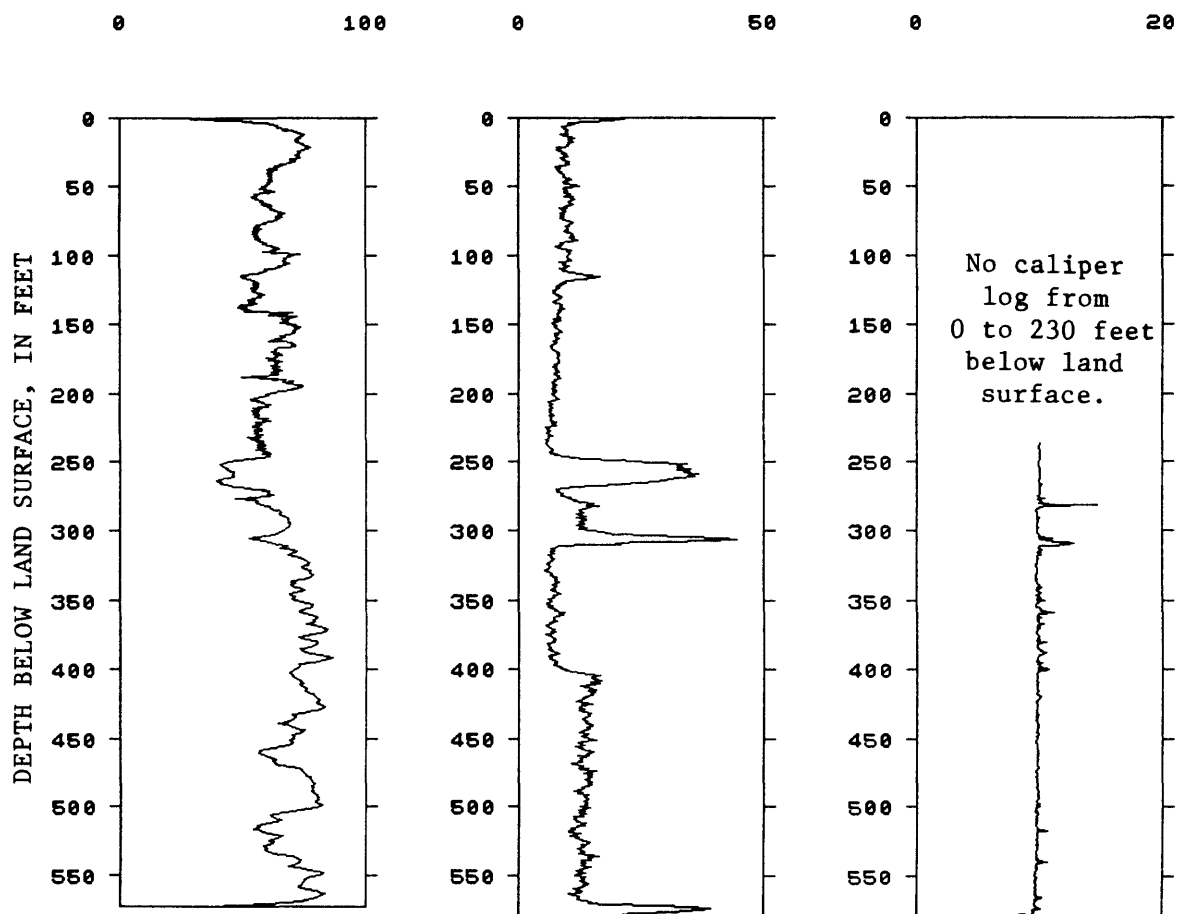
GS119\_GA

GS119\_CA

cr=1k\_(10-17-87)

cr=50\_(10-17-87)

sc=in\_(10-17-87)



Well identifier:	USGS-120	Altitude:	5012 ft
Well location:	02N-29E-19bcb1	Depth of well:	705 ft
Latitude and longitude:	432919 1130315	Depth of hole:	705 ft
Site identifier:	432919113031501	Total depth logged:	704 ft
County:	Butte		

Remarks:

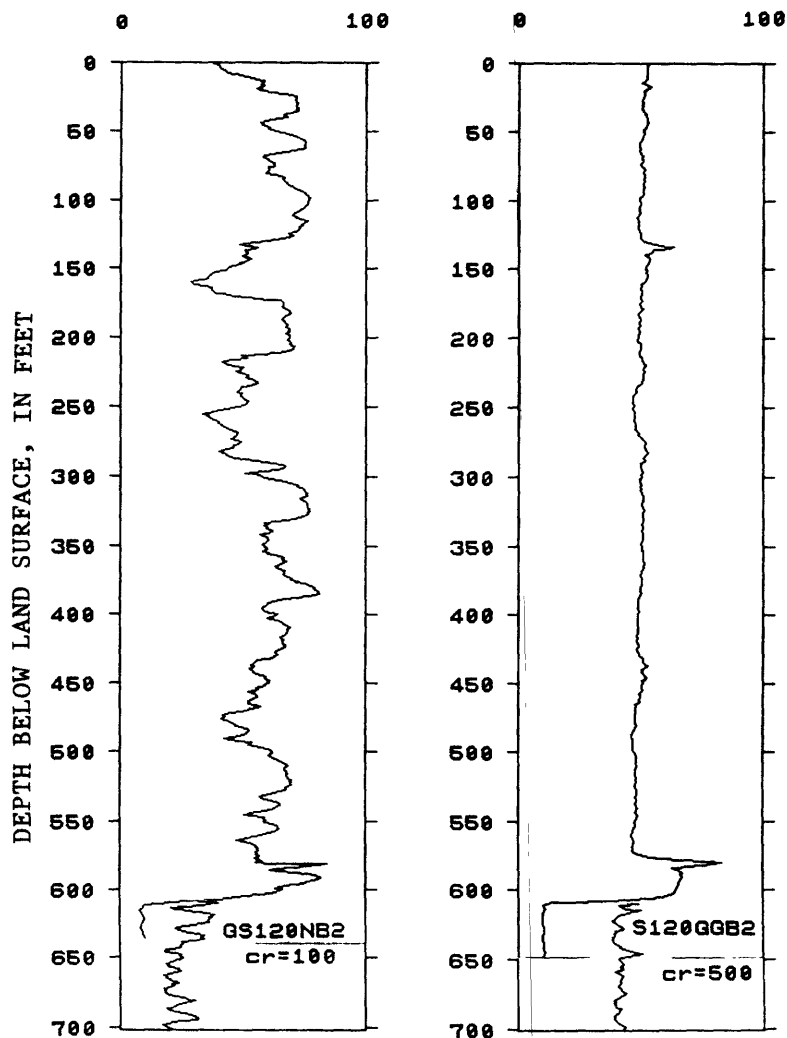
Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 11. Neutron log shown was digitized at 2 different scales--cr=1k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=5k,500. Line breaks indicate base of upper logged intervals. Gamma log shown is a combination of 2 digitized logs. Line break separates GS120\_GA and GS120\_GB. Caliper log shown is a combination of 2 digitized logs. Line break separates GS120\_CA and GS120\_CB.

GS120NB1

S120GGB1

cr=1k\_(11-9-87)

cr=5k\_(11-9-87)





GS120\_GA

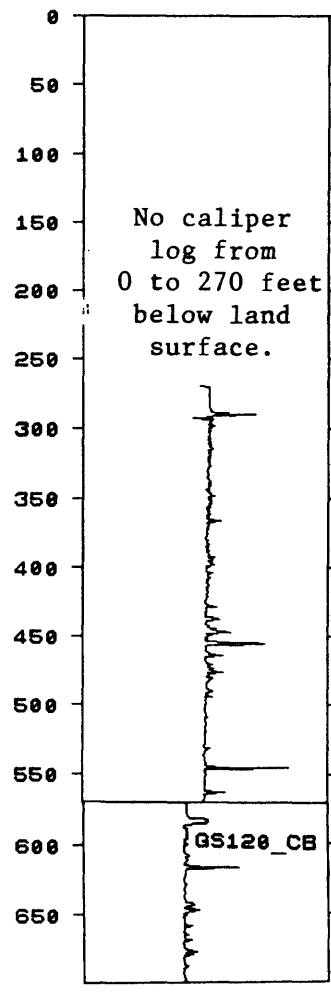
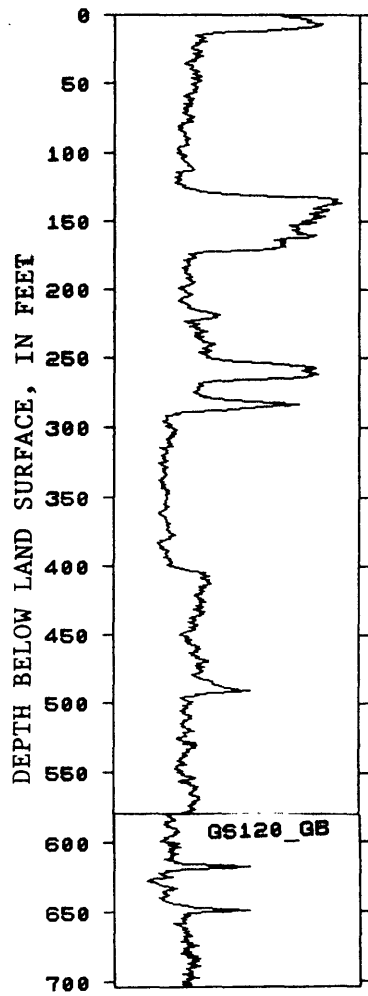
GS120\_CA

cr=50\_(11-4-87)

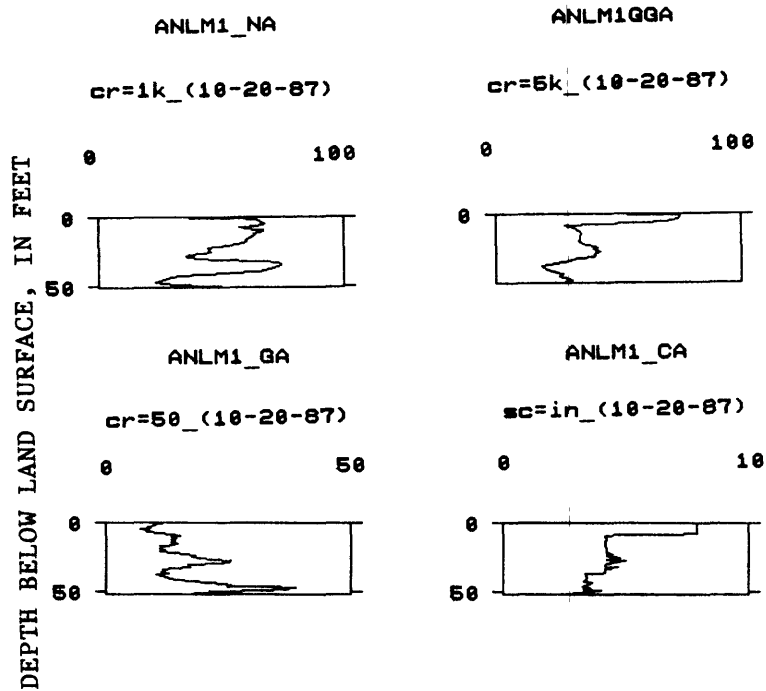
sc=in\_(11-4-87)

0 50

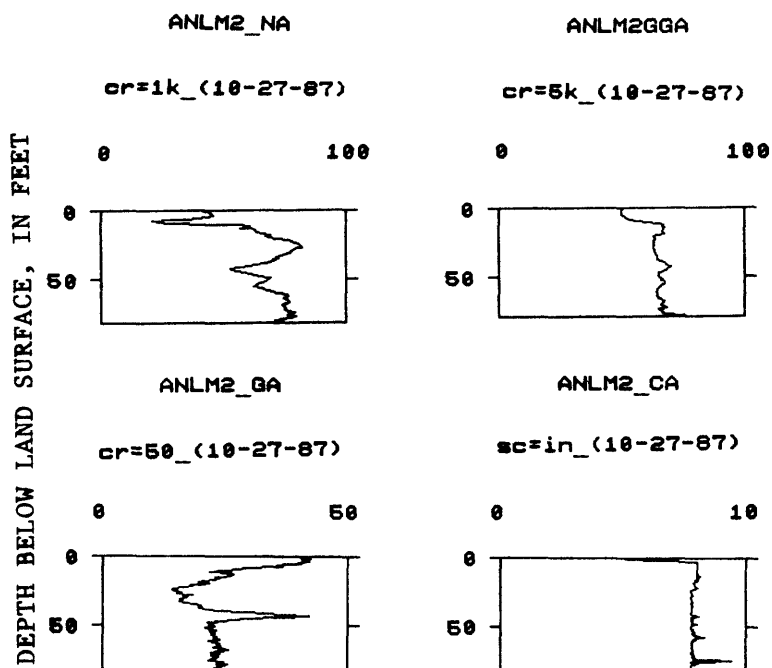
0 20



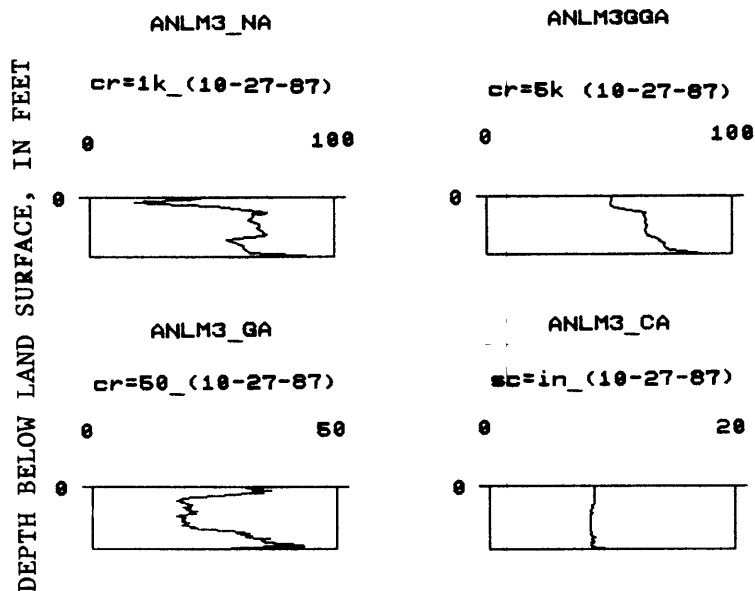
Well identifier:	ANL-IWP-M1	Altitude:	5120 ft
Well location:	03N-32E-11ddd1	Depth of well:	54 ft
Latitude and longitude:	433555 1123931	Depth of hole:	54 ft
Site identifier:	433555112393101	Total depth logged:	51 ft
County:	Bingham		
Remarks:	Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Called M1 on figure 2.		



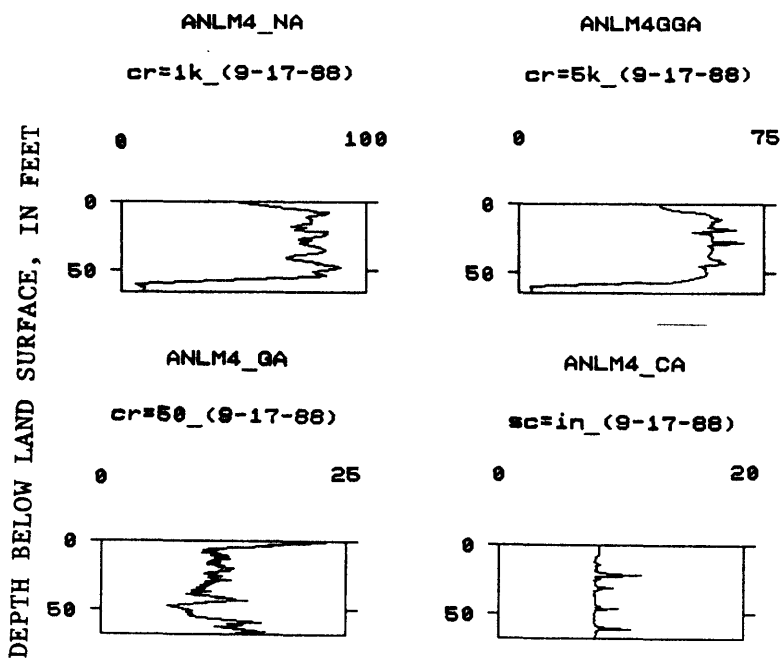
Well identifier:	ANL-IWP-M2	Altitude:	5118 ft
Well location:	03N-32E-11ddd2	Depth of well:	80 ft
Latitude and longitude:	433553 1123929	Depth of hole:	80 ft
Site identifier:	433553112392901	Total depth logged:	82 ft
County:	Bingham		
Remarks:	Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Called M2 on figure 2.		



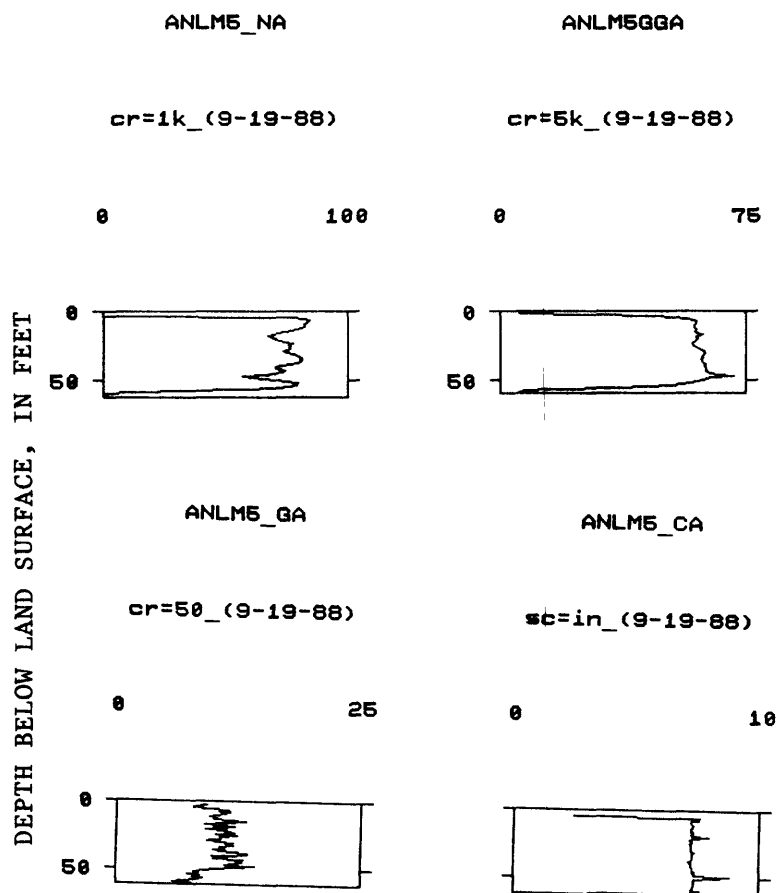
Well identifier: ANL-IWP-M3 Altitude: 5117 ft  
 Well location: 03N-32E-14aaa1 Depth of well: 45 ft  
 Latitude and longitude: 433549 1123932 Depth of hole: 60 ft  
 Site identifier: 433549112393201 Total depth logged: 46 ft  
 County: Bingham  
 Remarks: Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Called M3 on figure 2.



Well identifier:	ANL-IWP-M4	Altitude:	5118 ft
Well location:	03N-32E-14aaa2	Depth of well:	30 ft
Latitude and longitude:	433552 1123934	Depth of hole:	68 ft
Site identifier:	433552112393401	Total depth logged:	67 ft
County:	Bingham		
Remarks:	Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Called M4 on figure 2.		



Well identifier: ANL-IWP-M5                      Altitude: 5122 ft  
 Well location: 03N-32E-14aaa3                  Depth of well: 64 ft  
 Latitude and longitude: 433552 1123935          Depth of hole: 64 ft  
 Site identifier: 433552112393501              Total depth logged: 61 ft  
 County: Bingham  
 Remarks: Digitized and unprocessed logs are on disk 9. Digitized and  
 processed logs are on disk 11. Called M5 on figure 2.



Well identifier:	ANL-IWP-M6	Altitude:	5120 ft
Well location:	03N-32E-14aaa4	Depth of well:	406 ft
Latitude and longitude:	433552 1123936	Depth of hole:	423 ft
Site identifier:	433552112393601	Total depth logged:	420 ft
County:	Bingham		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Called M6 on figure 2. Caliper log shown is a combination of 2 digitized logs. Line break separates ANLM6\_CB and ANLM6\_CC.

ANLM6\_NB

ANLM6QGB

cr=1k\_(11-16-87)

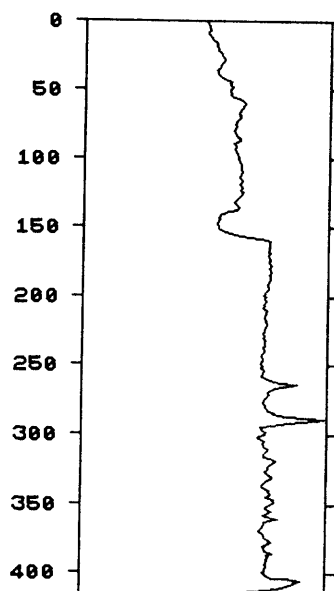
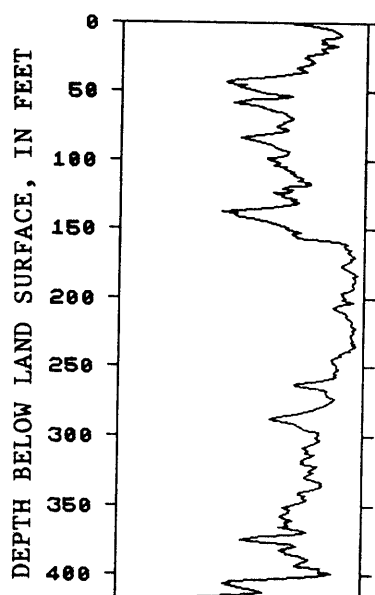
cr=1k\_(11-16-87)

0

75

0

100

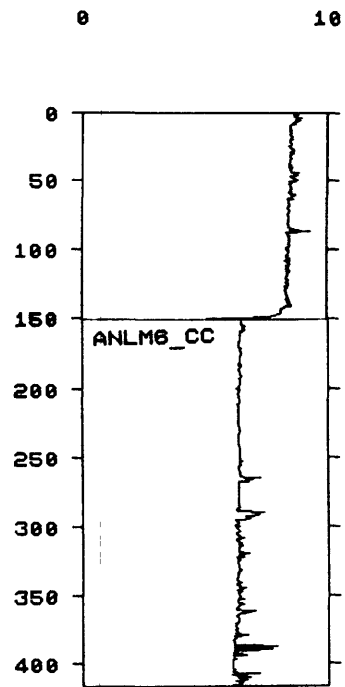
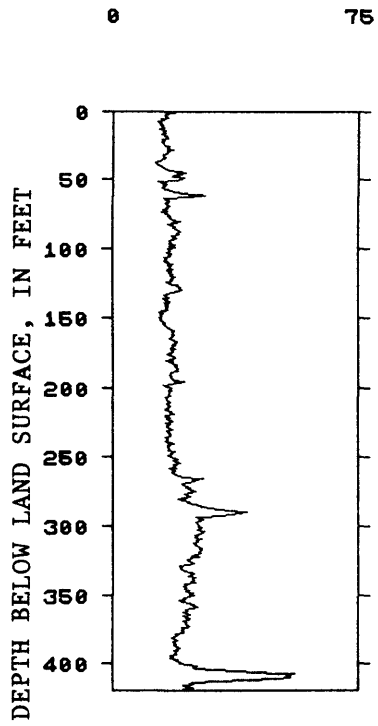


ANLM6\_GC

ANLM6\_CB

cr=50\_(11-16-87)

sp=in\_(11-12-87)





Well identifier:	ANP-6	Altitude:	4795 ft
Well location:	06N-31E-10acc1	Depth of well:	305 ft
Latitude and longitude:	435152 1124431	Depth of hole:	305 ft
Site identifier:	435152112443101	Total depth logged:	301 ft
County:	Butte		

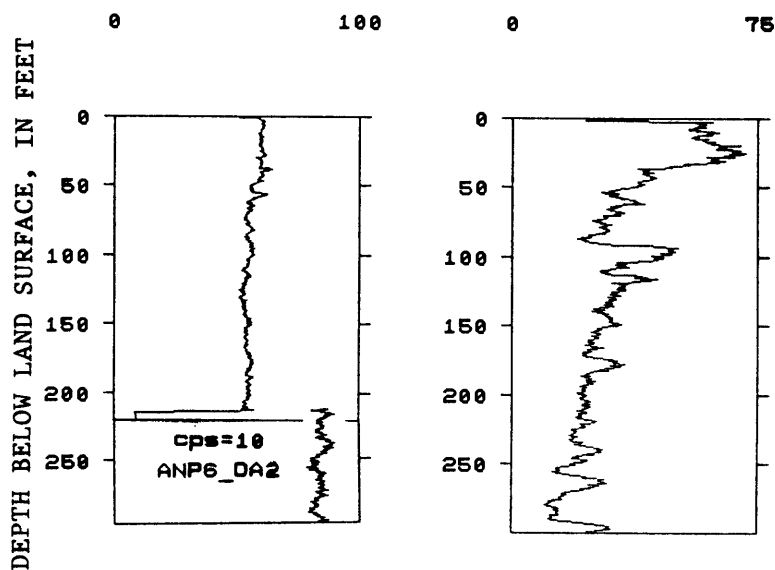
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.

ANP6\_DA1

ANP6\_GC

cps=100\_(8-5-63)

cps=1\_(7-11-63)



Well identifier:	ANP-7	Altitude:	4935 ft
Well location:	07N-31E-22bdd1	Depth of well:	433 ft
Latitude and longitude:	435523 1124441	Depth of hole:	436 ft
Site identifier:	435522112444201	Total depth logged:	433 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.

ANP7\_DB1

ANP7\_GC

cps=100\_(8-1-63)

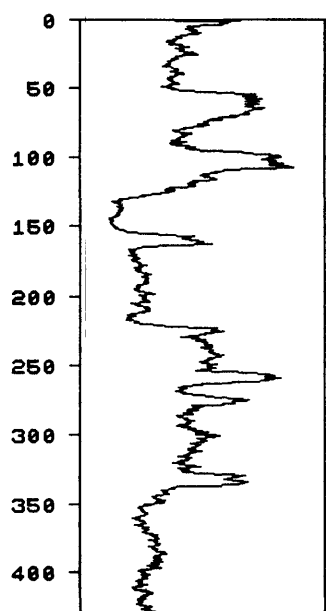
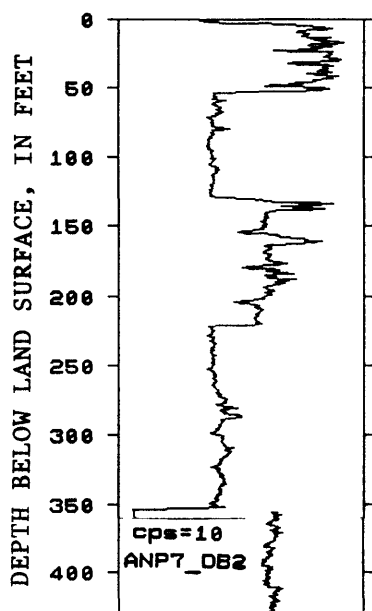
cps=1\_(11-7-63)

0

100

0

75

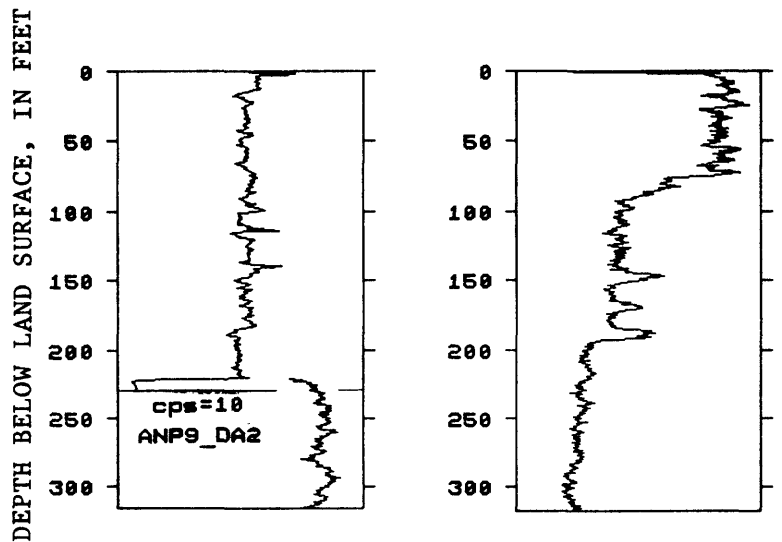


Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.

ANP9\_GB

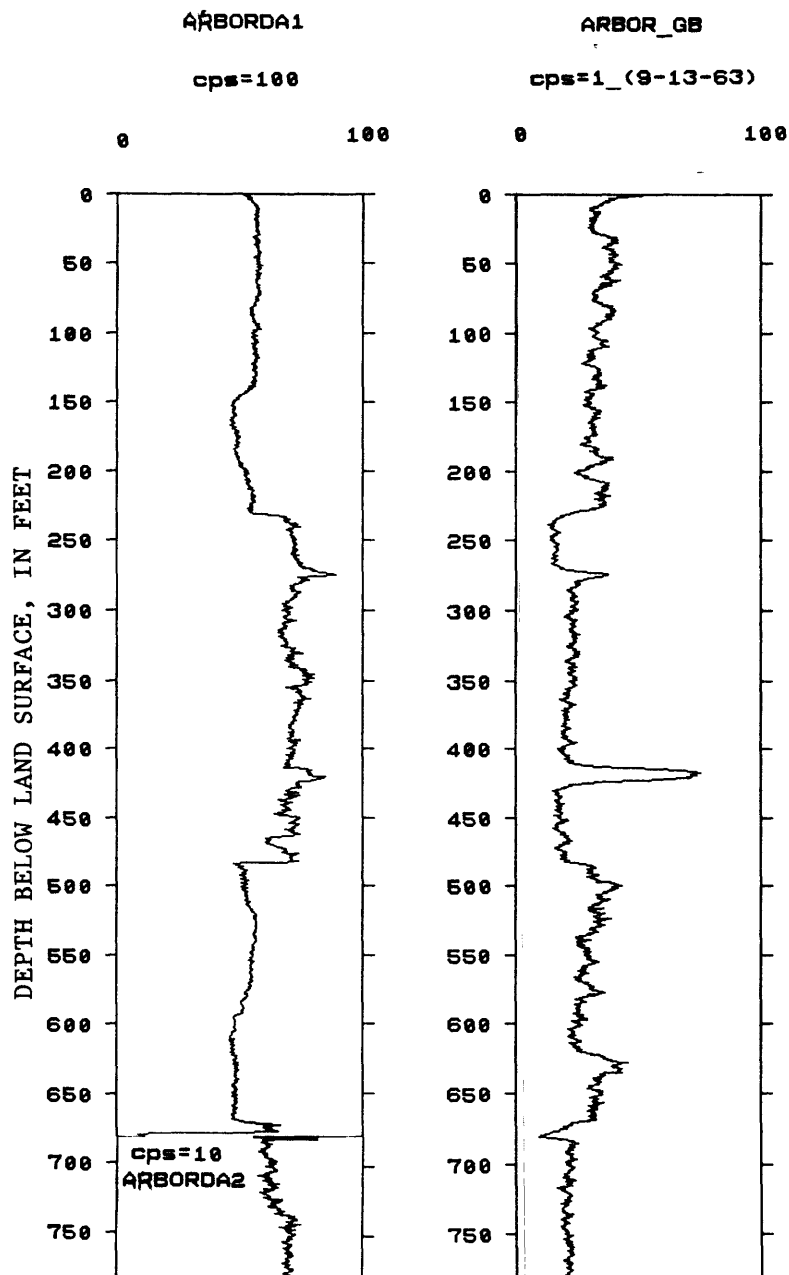
**cps=1\_(11-7-63)**

0 100



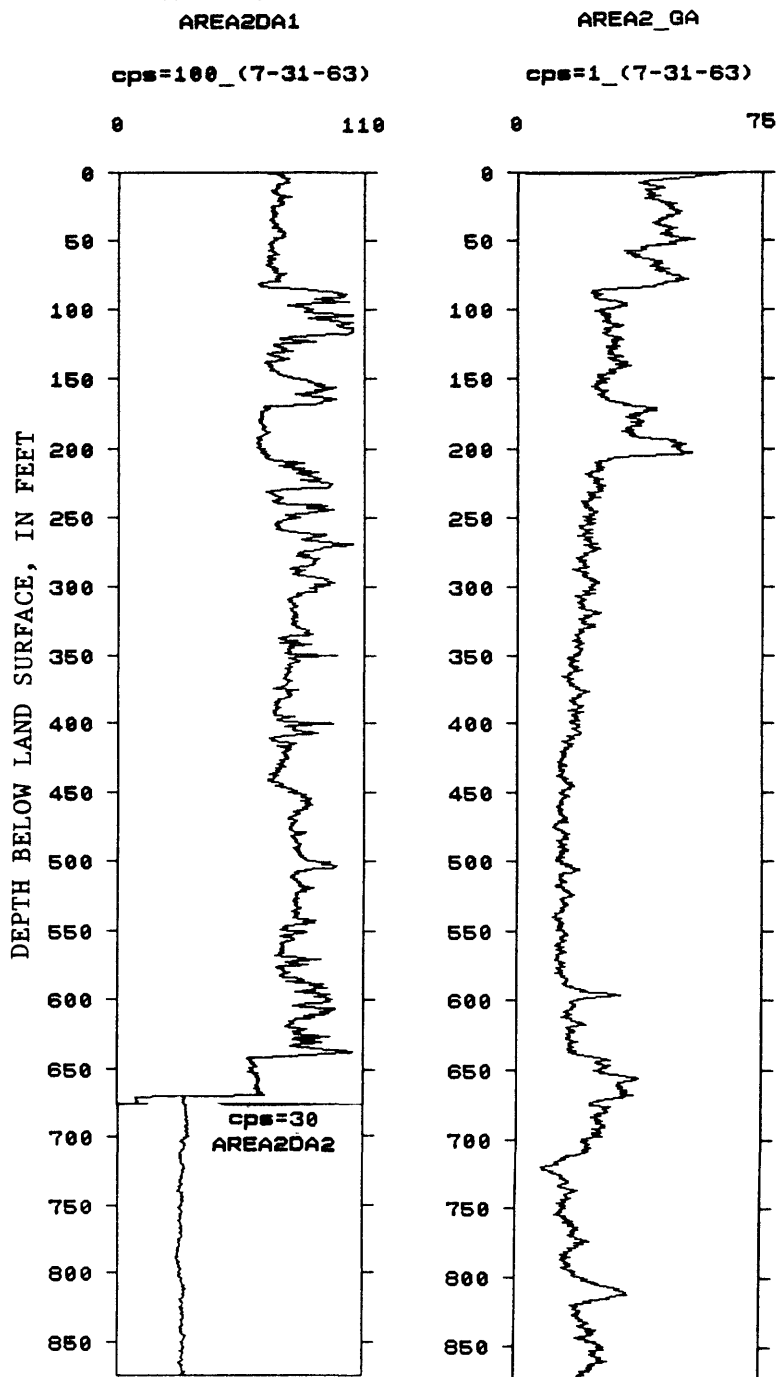
Well identifier:	ARBOR-1	Altitude:	5166 ft
Well location:	03N-32E-13dcal	Depth of well:	790 ft
Latitude and longitude:	433509 1123848	Depth of hole:	790 ft
Site identifier:	433509112384801	Total depth logged:	785 ft
County:	Bingham		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Test well. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.



Well identifier:	AREA-II	Altitude:	5130 ft
Well location:	03N-31E-35dcal	Depth of well:	877 ft
Latitude and longitude:	433223 1124701	Depth of hole:	877 ft
Site identifier:	433223112470201	Total depth logged:	876 ft
County:	Butte		

Remarks: Additional undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Density log shown was digitized at 2 different scales--cps=100,30. Line break indicates base of upper logged interval.



Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 10. Also called TRA-4. Density log shown was digitized at 2 different scales--cps=300,100. Line break indicates base of upper logged interval. Gamma log shown is a combination of 2 digitized logs. Page break separates ATRP\_GB and ATRP\_GD. Caliper log shown is a combination of 2 digitized logs. Page break separates ATRP\_CA and ATRP\_CC. Digitized logs continued on next page.

ATRP CA

SC=IN\_ (2-21-63)

0 40



ATRP\_DD2--Continued

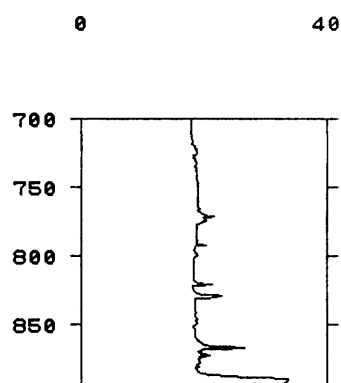
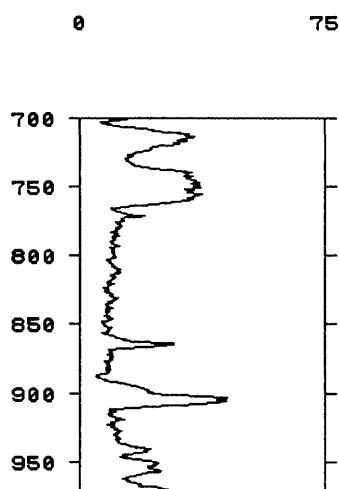
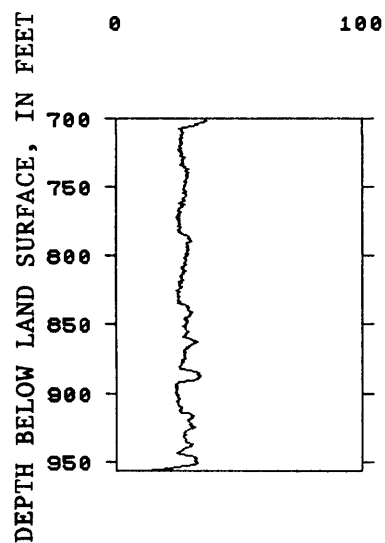
ATRP\_GD--Continued

ATRP\_CC--Continued

cps=100\_(7-9-63)

cps=1\_(6-19-63)

sc=in\_(4-30-63)



Well identifier: Badging Facility Well Altitude: 4934 ft  
 Well location: 02N-30E-08dad1 Depth of well: 644 ft  
 Latitude and longitude: 433042 1125351 Depth of hole: 644 ft  
 Site identifier: 433042112535101 Total depth logged: 640 ft  
 County: Butte

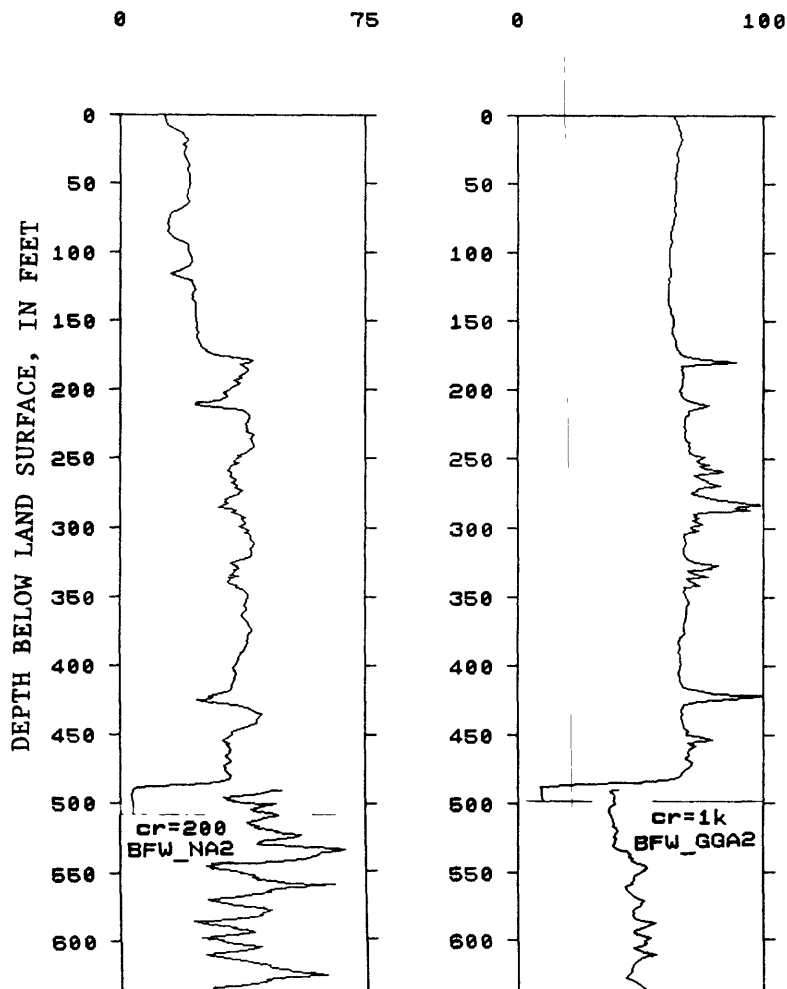
Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 8. Neutron log shown was digitized at 2 different scales--cr=2.5k,200. Gamma-gamma log shown was digitized at 2 different scales--cr=5k,1k. Line breaks indicate base of upper logged interval. Caliper log shown is a combination of 2 digitized logs. Line break separates BFW\_CA and BFW\_CB. No caliper log from 0 to 100 feet below land surface.

BFW\_NA1

BFW\_GGA1

cr=2.5k\_(1-8-85)

cr=5k\_(1-8-85)





BFW\_GA

BFW\_CA

cr=50\_(1-8-85)

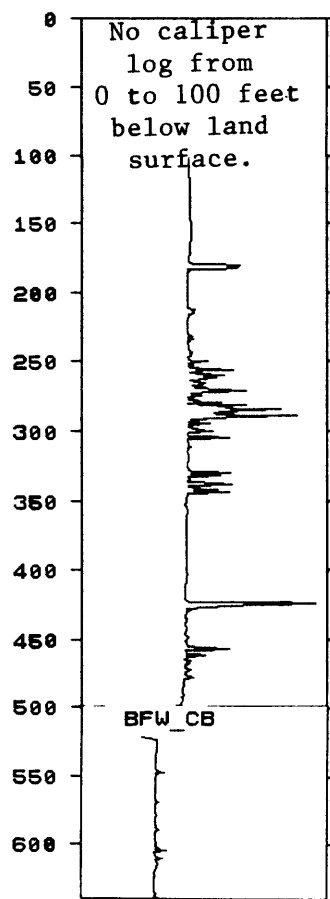
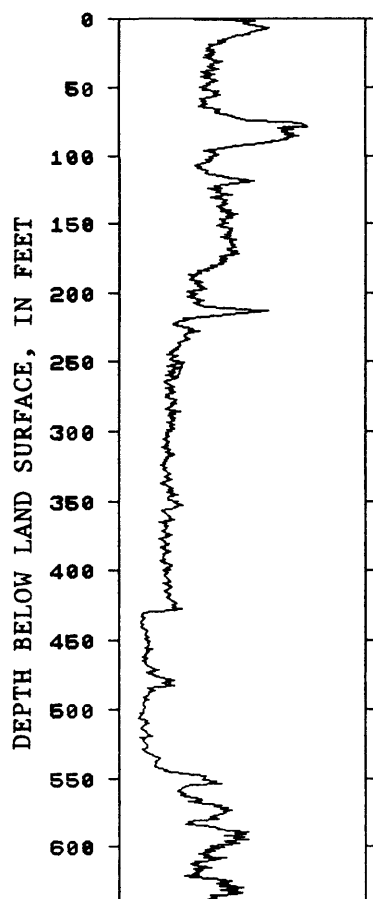
sc=in\_(1-2-85)

0

50

0

20



Well identifier:	BG-76-1	Altitude:	5009 ft
Well location:	02N-29E-18bcd3	Depth of well:	--
Latitude and longitude:	433004 1130304	Depth of hole:	--
Site identifier:	--	Total depth logged:	228 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4.		

76\_1\_NA

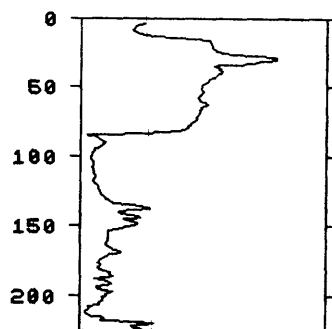
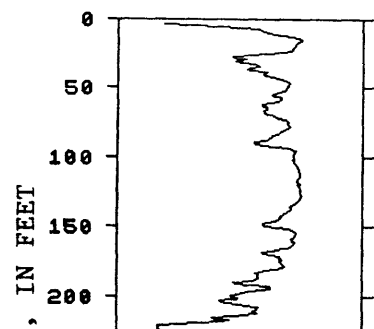
76\_1\_GGA

sc=.01\_(6-24-76)

sc=.02\_(6-24-76)

0 50

0 50



76\_1\_GA

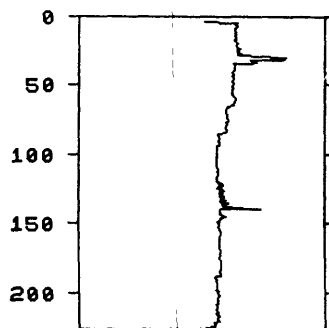
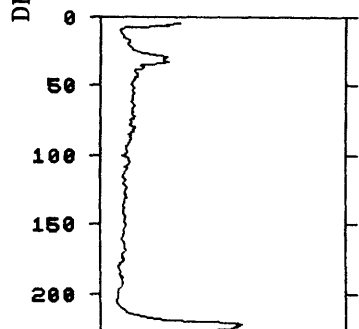
76\_1\_CA

sc=.0025\_(6-24-76)

sc=.0025\_(6-24-76)

0 50

0 10



Well identifier:	BG-76-2	Altitude:	5010 ft
Well location:	02N-29E-18caa2	Depth of well:	--
Latitude and longitude:	432959 1130253	Depth of hole:	--
Site identifier:	--	Total depth logged:	249 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4. No caliper log from 0 to 80 feet below land surface.		

76\_2\_NA

76\_2\_GGA

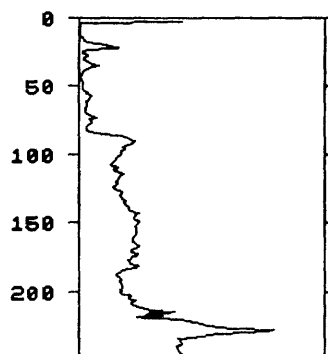
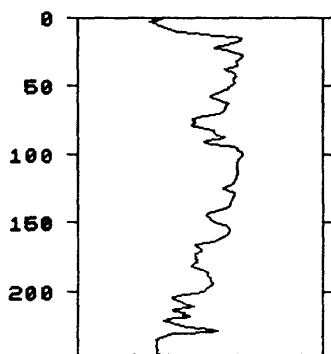
sc=.01\_(7-20-76)

sc=.05\_(7-20-76)

0 50

0 50

DEPTH BELOW LAND SURFACE, IN FEET



76\_2\_GA

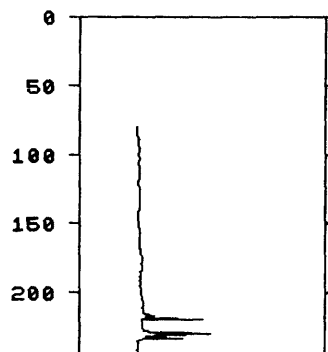
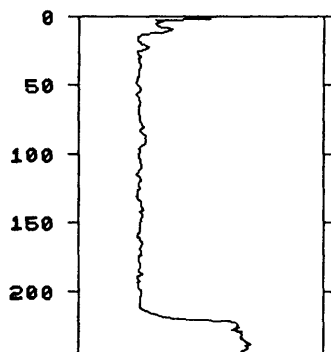
76\_2\_CA

sc=.0025\_(7-20-76)

sc=in\_(7-20-76)

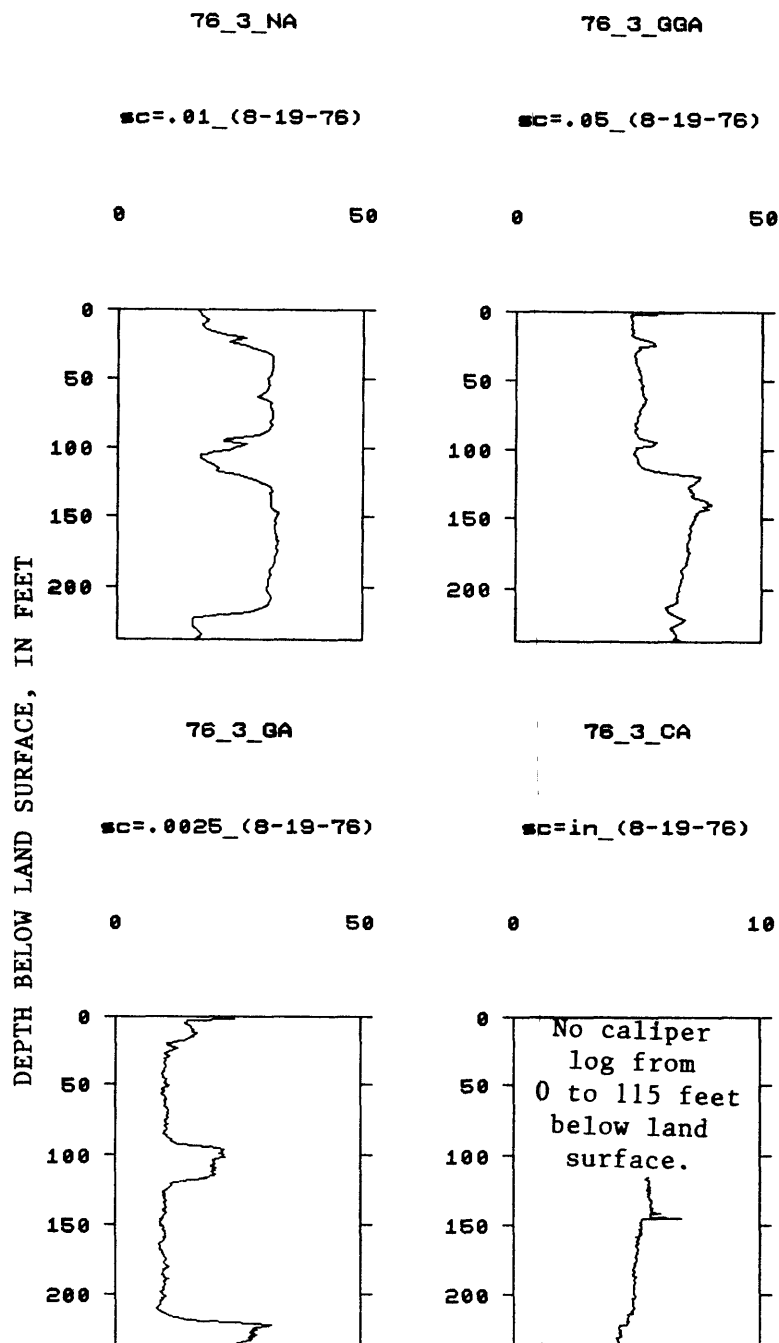
0 50

0 20

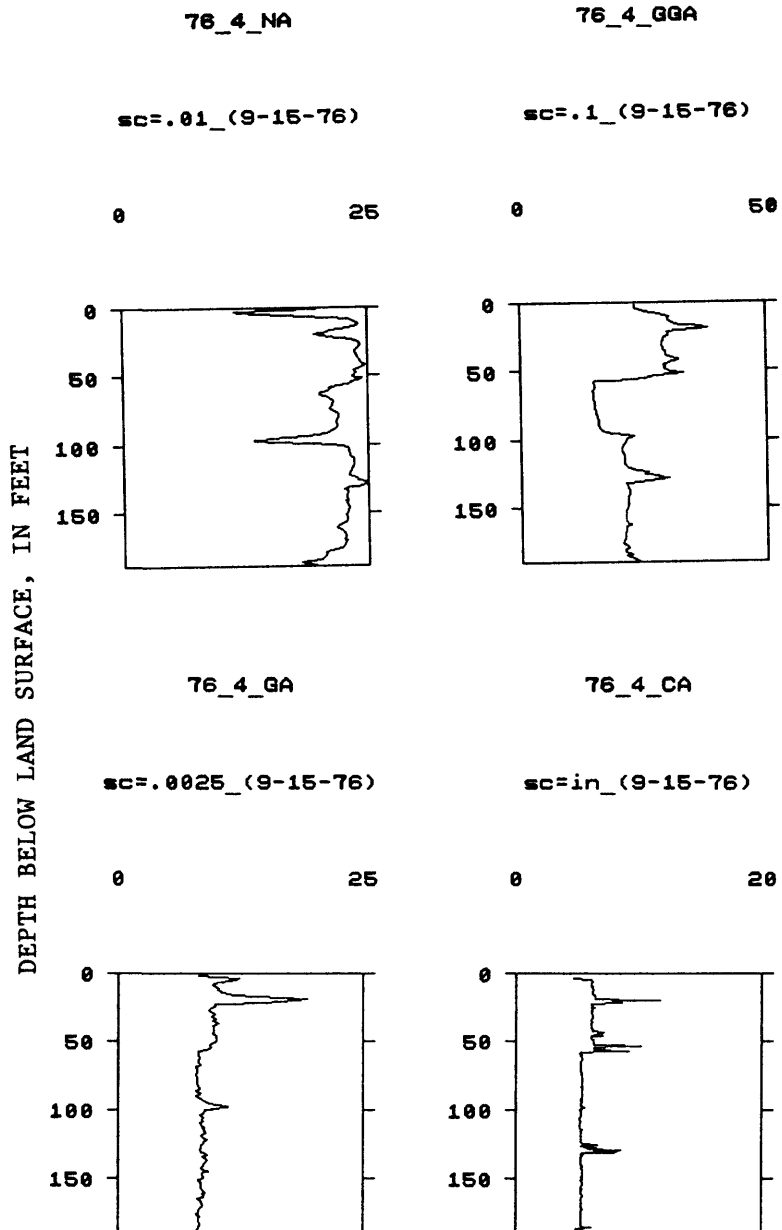


Well identifier:	BG-76-3	Altitude:	5010 ft
Well location:	02N-29E-18dbd1	Depth of well:	--
Latitude and longitude:	432949 1130230	Depth of hole:	--
Site identifier:	--	Total depth logged:	239 ft
County:	Butte		

Remarks: Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4. No caliper log from 0 to 115 feet below land surface.



Well identifier:	BG-76-4	Altitude:	5011 ft
Well location:	02N-29E-18dbb1	Depth of well:	--
Latitude and longitude:	432954 1130243	Depth of hole:	--
Site identifier:	--	Total depth logged:	190 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4.		

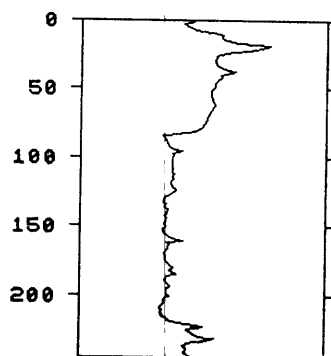


Well identifier:	BG-76-4A	Altitude:	5011 ft
Well location:	02N-29E-18caa3	Depth of well:	--
Latitude and longitude:	432954 1130244	Depth of hole:	--
Site identifier:	--	Total depth logged:	247 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4.		

76\_4AGGA

sc=.1 (9-15-76)

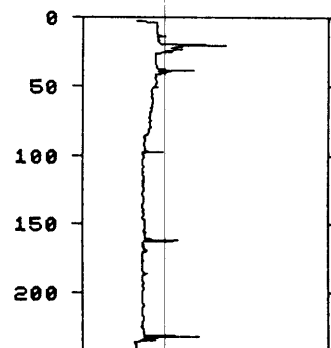
0 50



76 4A CA

```
sc=in_(9-15-76)
```

0	20
---	----



Well identifier:	BG-76-5	Altitude:	5011 ft
Well location:	02N-29E-18bdd1	Depth of well:	--
Latitude and longitude:	433004 1130253	Depth of hole:	--
Site identifier:	--	Total depth logged:	240 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4. No caliper log from 0 to 85 feet below land surface.		

76\_5\_NA

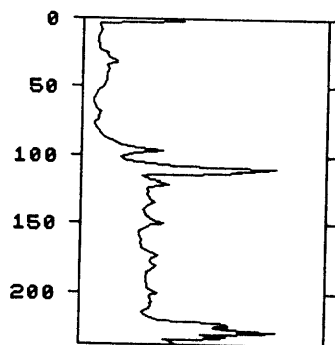
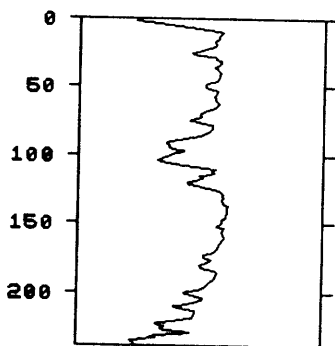
76\_5\_GGA

sc=.01\_(10-13-76)

sc=.0025\_(10-13-76)

0 50

0 50



76\_5\_GA

76\_5\_CA

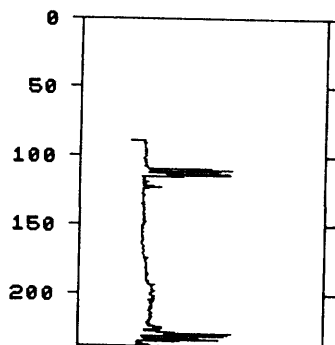
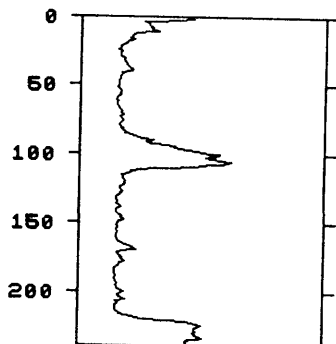
sc=.0025\_(10-13-76)

sc=in\_(10-13-76)

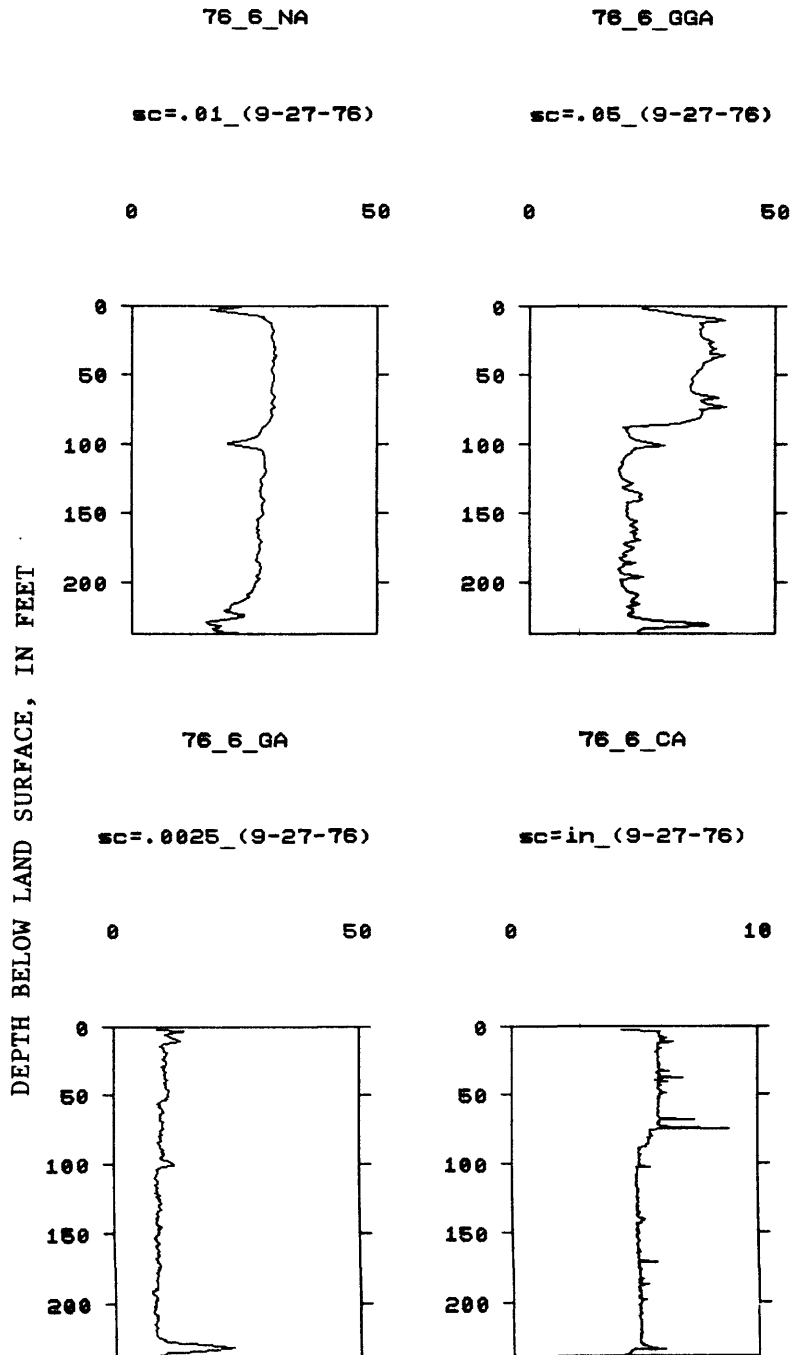
0 50

0 20

DEPTH BELOW LAND SURFACE, IN FEET



Well identifier:	BG-76-6	Altitude:	5011 ft
Well location:	02N-29E-18dab1	Depth of well:	--
Latitude and longitude:	432953 1130221	Depth of hole:	--
Site identifier:	--	Total depth logged:	240 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4.		





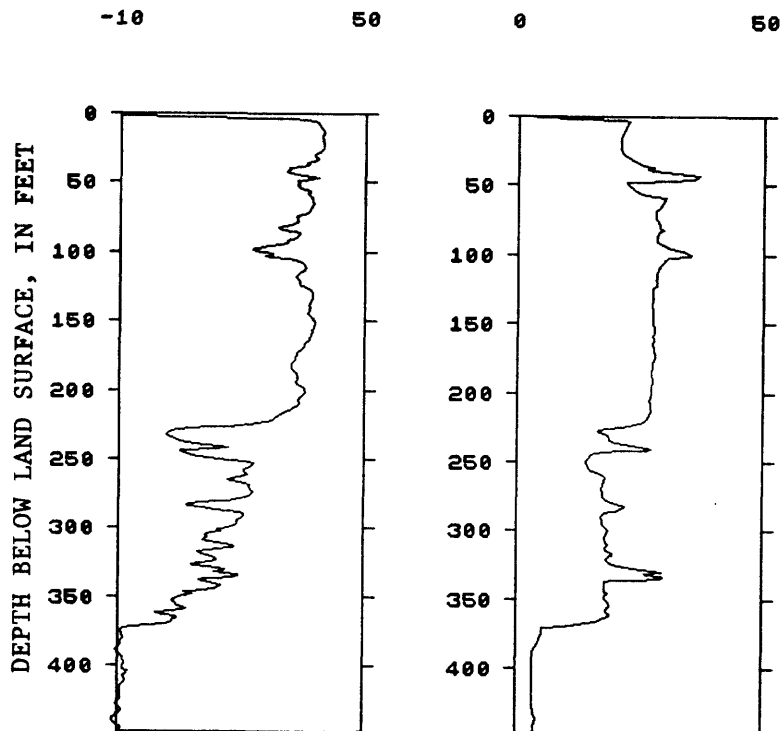
Well identifier:	BG-77-1	Altitude:	5017 ft
Well location:	02N-29E-18bda2	Depth of well:	--
Latitude and longitude:	433014 1130242	Depth of hole:	--
Site identifier:	--	Total depth logged:	449 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4. No caliper log from 0 to 50 feet below land surface.		

77\_1\_NA

77\_1\_GGA

SC=.01\_(3-9-77)

SC=.1\_(3-9-77)

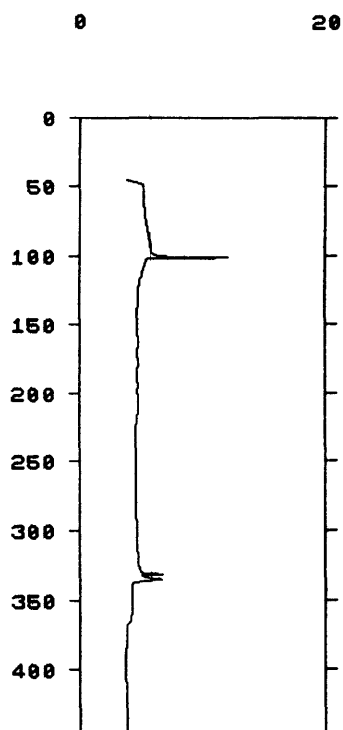
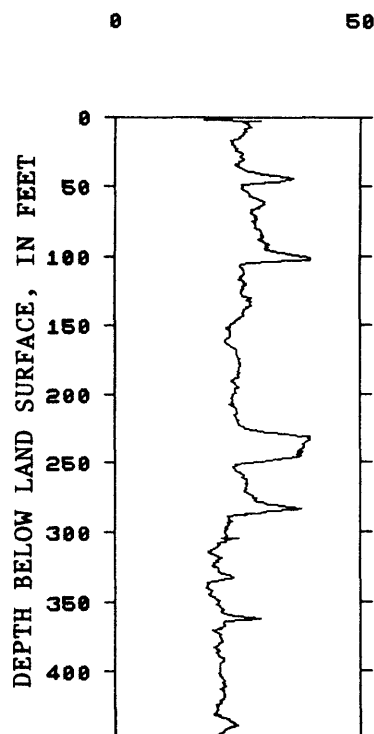


77\_1\_GA

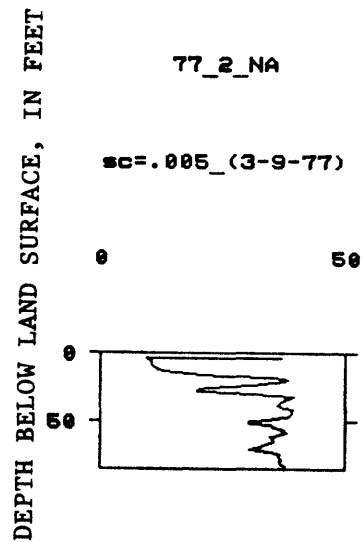
77\_1\_CA

sc=.0025\_(3-9-77)

sc=in\_(3-9-77)



Well identifier:	BG-77-2	Altitude:	5014 ft
Well location:	02N-29E-18bdc3	Depth of well:	--
Latitude and longitude:	433002 1130300	Depth of hole:	--
Site identifier:	--	Total depth logged:	85 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4.		



Well identifier:	BG-Prod.	Altitude:	5005 ft
Well location:	02N-29E-18adc1	Depth of well:	--
Latitude and longitude:	433002 1130217	Depth of hole:	--
Site identifier:	433002113021701	Total depth logged:	680 ft
County:	Butte		

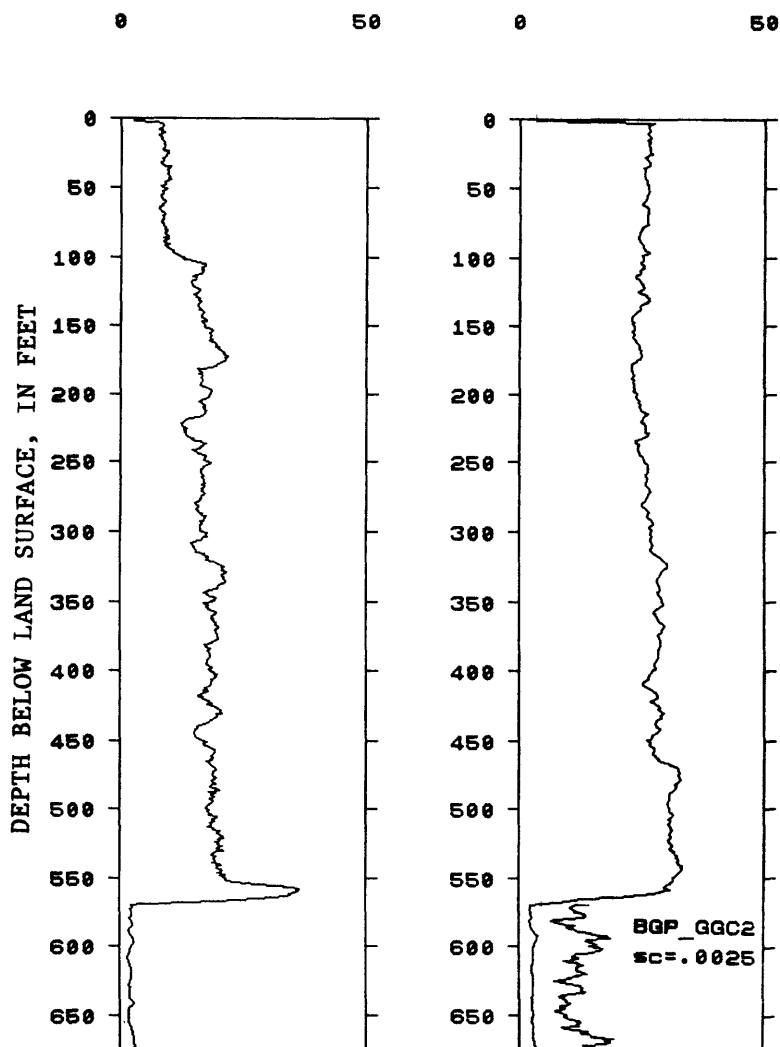
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4. Digitized and processed logs are on disk 4. Also called RWMC Production. Caliper log shown is a combination of 3 digitized logs. Line breaks separate BGP\_CA, BGP\_CB, and BGP\_CC. Gamma-gamma log shown was digitized at 2 different scales--sc=.02,.0025. Line break indicates base of upper logged interval.

BGP\_NC

BGP\_GGC1

sc=.01\_(11-20-74)

sc=.02\_(11-20-74)

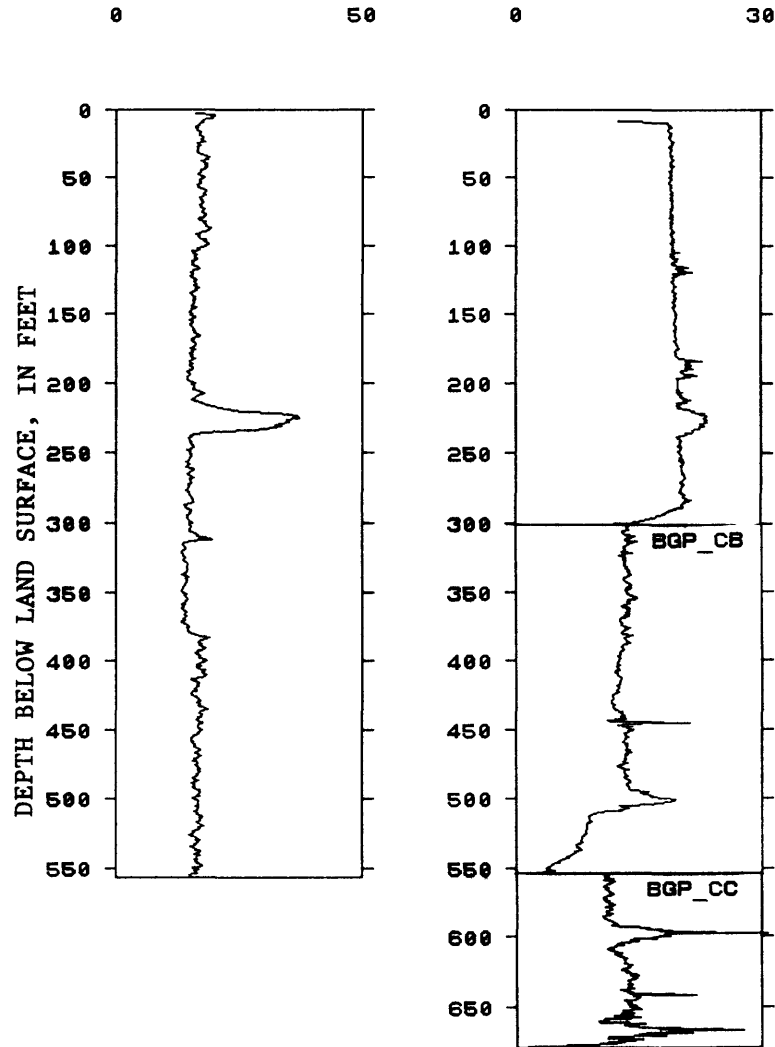


BGP\_GA

BGP\_CA

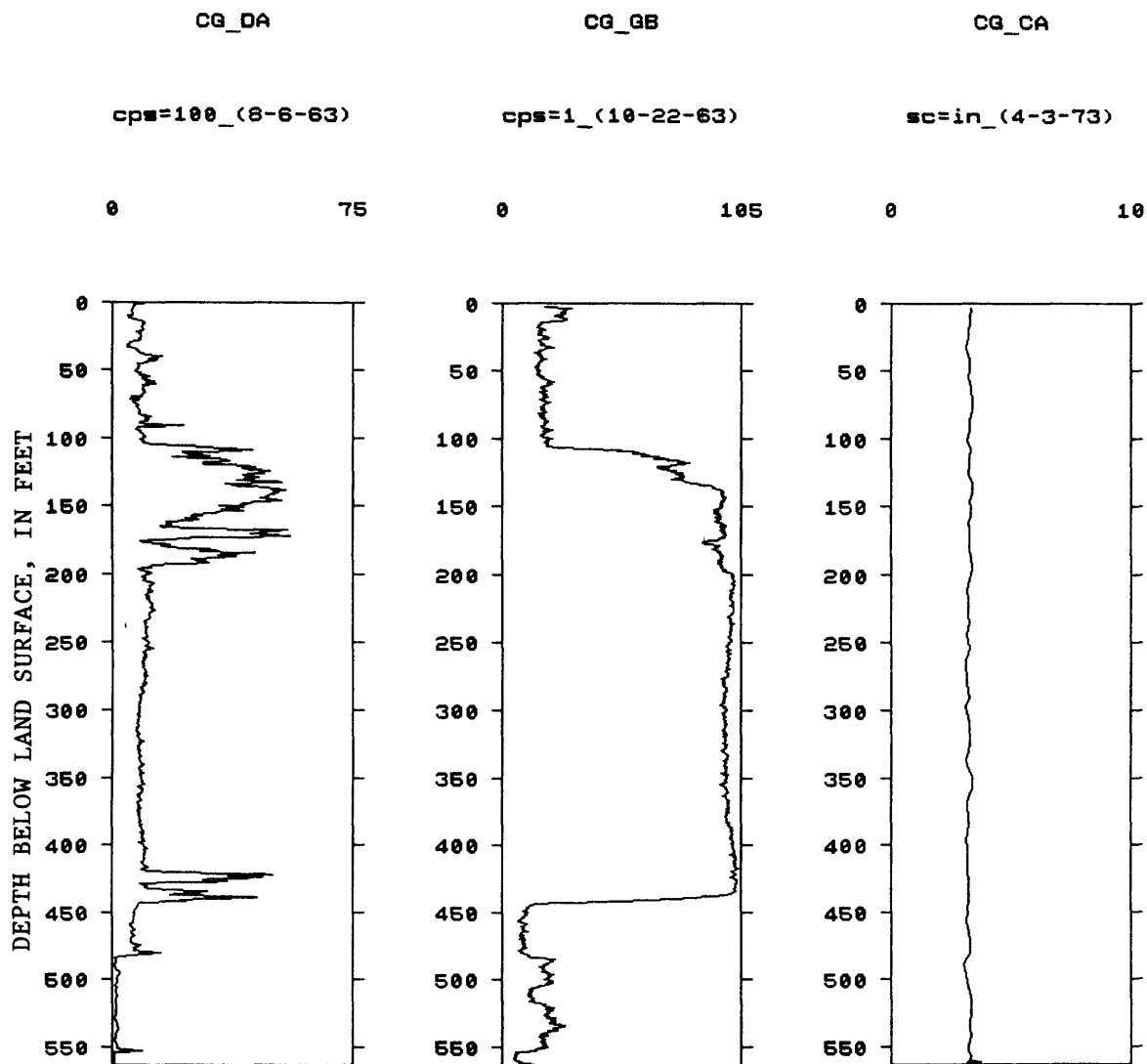
sc=.0025\_(10-7-74)

sc=in\_(7-12-74)



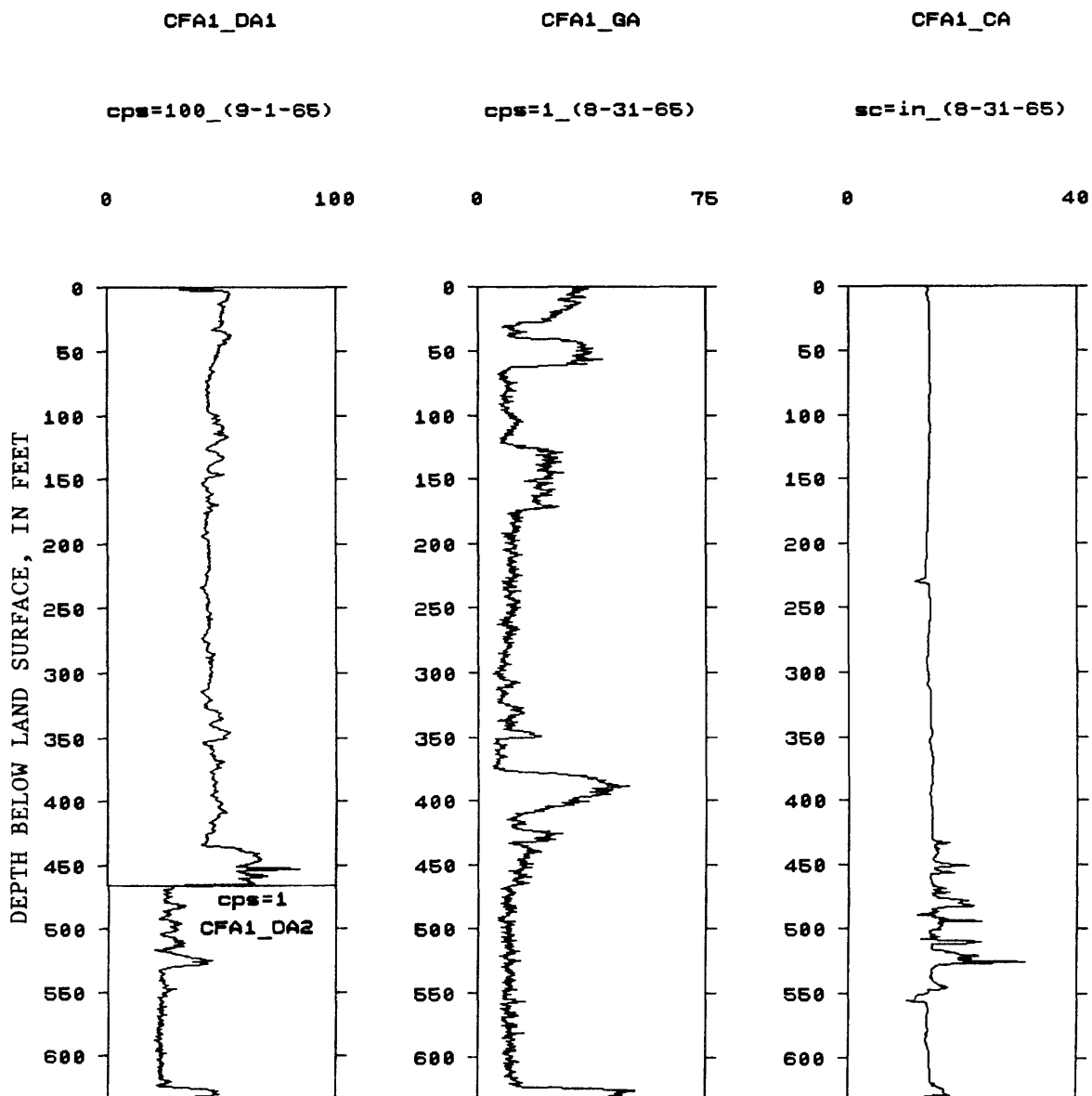
Well identifier:	Cerro Grande	Altitude:	4979 ft
Well location:	01N-30E-10bba1	Depth of well:	564 ft
Latitude and longitude:	432618 1125554	Depth of hole:	564 ft
Site identifier:	432618112555501	Total depth logged:	567 ft
County:	Bingham		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 8.



Well identifier:	CFA-1	Altitude:	4929 ft
Well location:	02N-29E-01aac1	Depth of well:	639 ft
Latitude and longitude:	433204 1125619	Depth of hole:	685 ft
Site identifier:	433204112562001	Total depth logged:	634 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 8. Density log shown was digitized at 2 different scales--cps=100,1. Line break indicates base of upper logged interval.



Well identifier:	CFA-2	Altitude:	4932 ft
Well location:	02N-29E-01dbb1	Depth of well:	681 ft
Latitude and longitude:	433144 1125635	Depth of hole:	681 ft
Site identifier:	433144112563501	Total depth logged:	666 ft
County:	Butte		

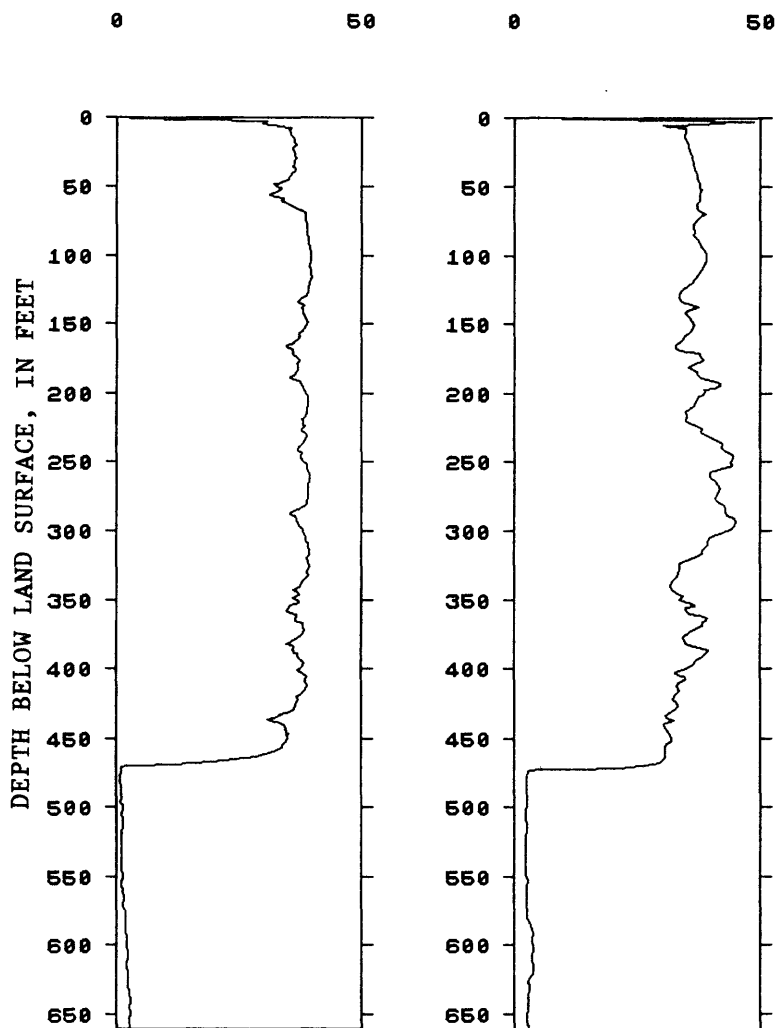
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 8. Also called Navy-2. A separate file for Navy-2 logs was made. Files found on disks 7 and 9, respectively.

CFA2\_NA

CFA2\_GGB

sc=.02\_(7-2-71)

cp=300\_(7-2-71)



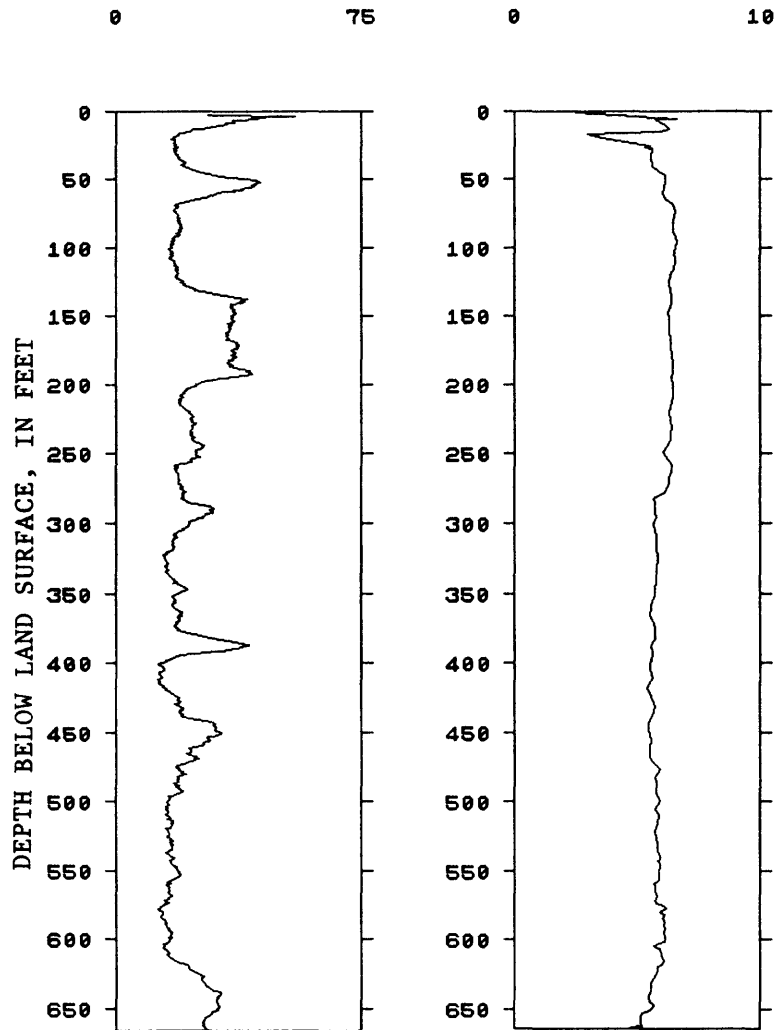


CFA2\_GA

CFA2\_CA

cps=1\_(7-2-71)

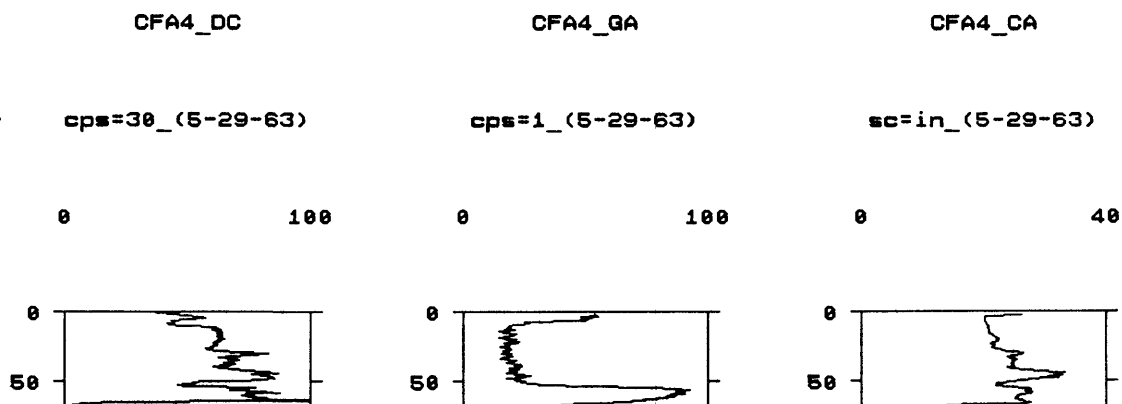
sc=in\_(7-2-71)



Well identifier: CFA-4 Altitude: 4937 ft  
 Well location: 02N-29E-01cad1 Depth of well: --  
 Latitude and longitude: 433137 1125647 Depth of hole: --  
 Site identifier: -- Total depth logged: 70 ft  
 County: Butte

Remarks: Additional digitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 8. Digitized  
 and processed logs are on disk 10. Disposal well.

DEPTH BELOW LAND SURFACE, IN FEET



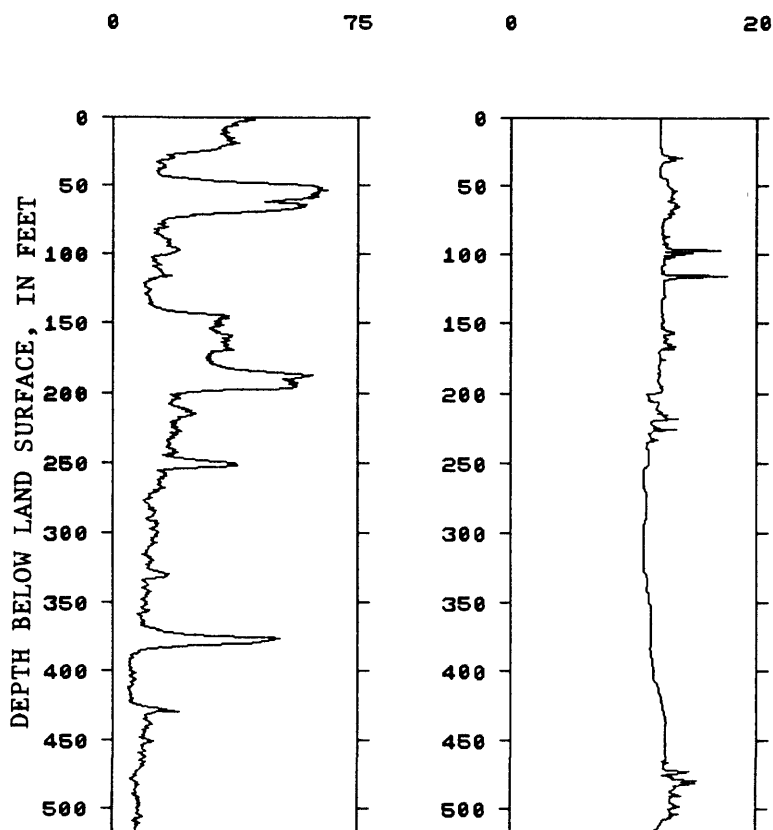
Well identifier:	CFA(LF)2-8	Altitude:	4933 ft
Well location:	03N-29E-36dcd1	Depth of well:	--
Latitude and longitude:	433216 1125632	Depth of hole:	--
Site identifier:	433216112563201	Total depth logged:	519 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 10. CFA landfill.		

LF2\_8GA

LF2\_8CA

cr=50\_(5-6-88)

sc=in\_(5-6-88)



Well identifier:	CFA(LF)2-9	Altitude:	4934 ft
Well location:	03N-29E-36dcc1	Depth of well:	--
Latitude and longitude:	433217 1125634	Depth of hole:	--
Site identifier:	433217112563401	Total depth logged:	639 ft
County:	Butte		
Remarks:	Additional undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 10. CFA landfill.		

LF2\_9NA

LF2\_9GGA

cr=1k\_(9-19-88)

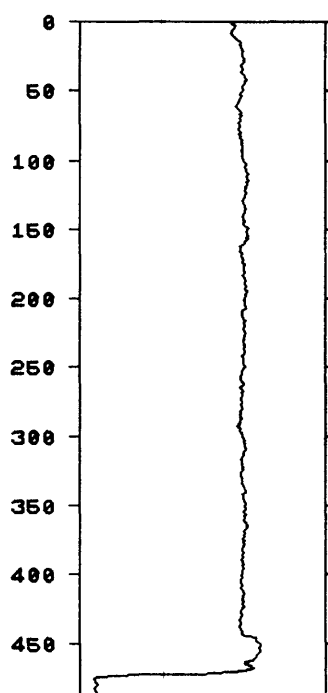
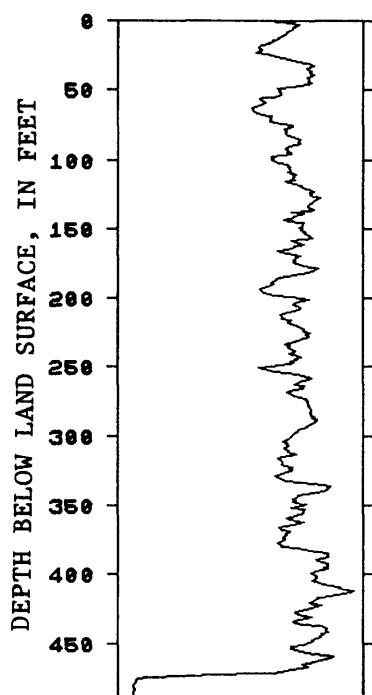
cr=2.5k\_(9-19-88)

0

75

0

75

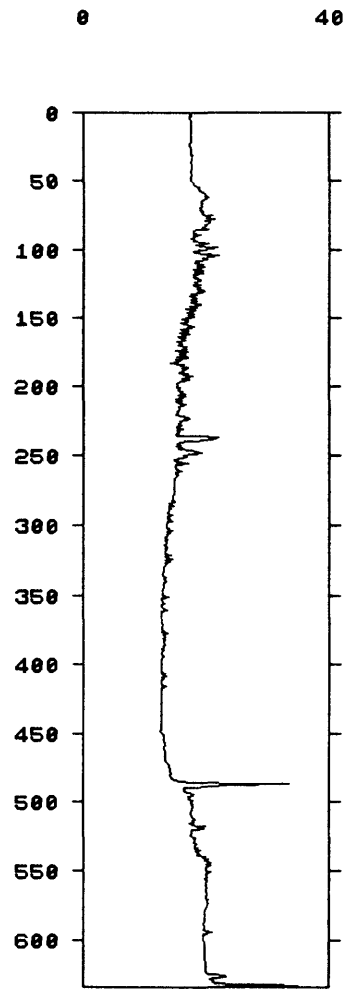
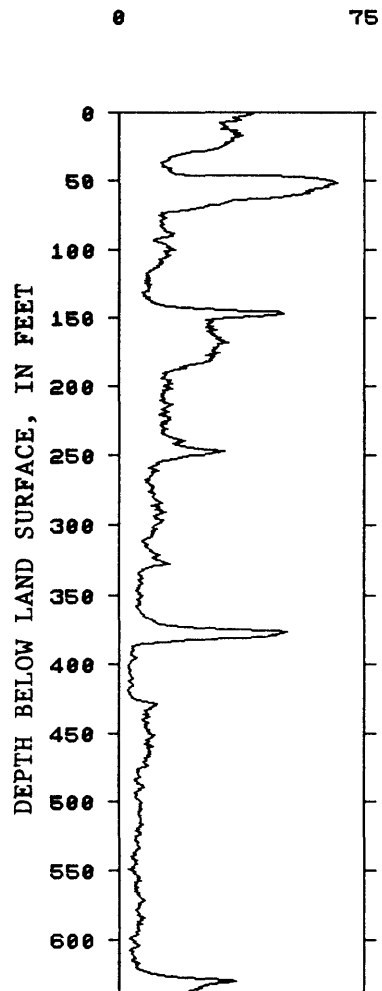


LF2\_9GA

LF2\_9CA

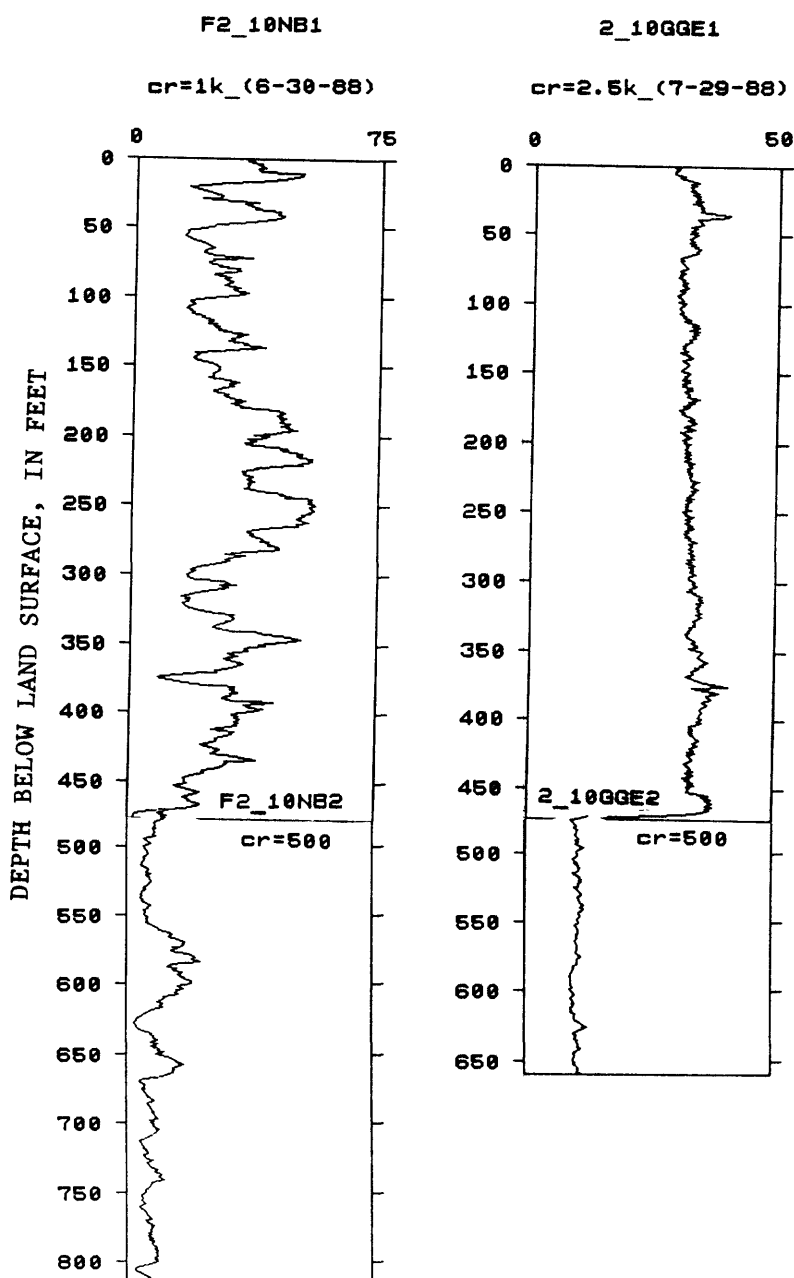
cr=50\_(5-2-88)

sc=in\_(5-2-88)



Well identifier:	CFA(LF)2-10	Altitude:	4934 ft
Well location:	03N-29E-36dcc2	Depth of well:	--
Latitude and longitude:	433216 1125633	Depth of hole:	--
Site identifier:	433216112563301	Total depth logged:	820 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4, 8. Digitized and processed logs are on disk 4, 10. CFA landfill. Neutron log shown was digitized at 2 different scales--cr=1k,500. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,500. Line breaks indicate base of upper logged interval. Gamma log shown is a combination of 2 digitized logs. Line break separates LF2\_10GA and LF2\_10GB. Caliper log shown is a combination of 2 digitized logs. Line break separates LF2\_10CA and LF2\_10CB.



LF2\_10GA

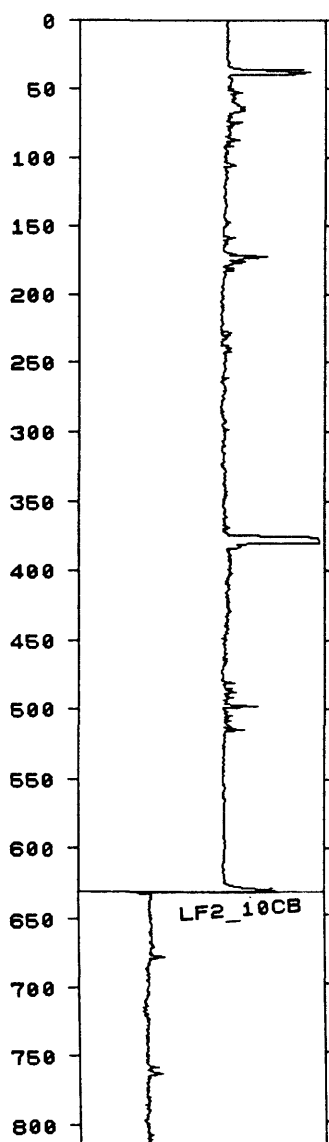
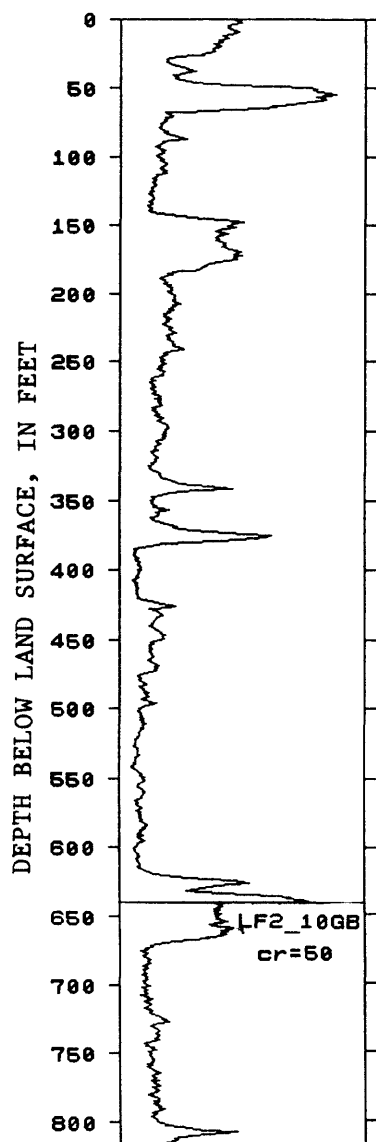
LF2\_10CA

cr=50\_(6-16-88)

sc=in\_(6-16-88)

0 75

0 20



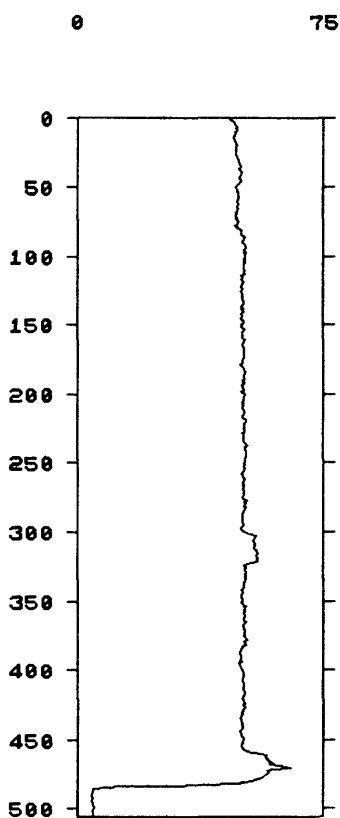
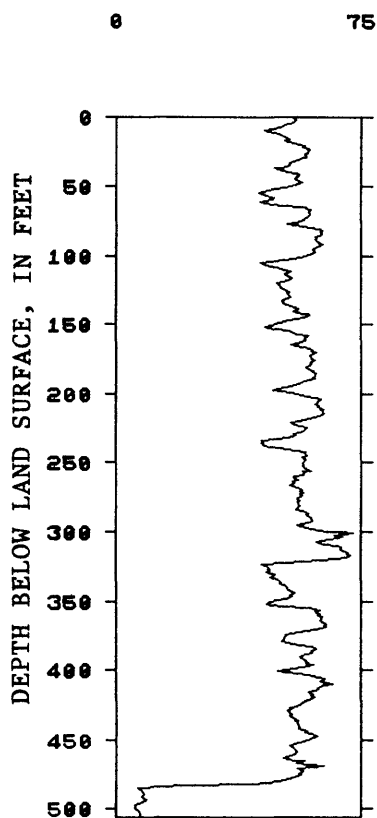
Well identifier:	CFA(LF)3-8	Altitude:	4942 ft
Well location:	03N-29E-36ccb1	Depth of well:	--
Latitude and longitude:	433218 1125710	Depth of hole:	--
Site identifier:	433218112571001	Total depth logged:	524 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 10. CFA landfill.		

LF3\_8NA

LF3\_8GGA

cr=1k\_(9-19-88)

cr=2.5k\_(9-19-88)



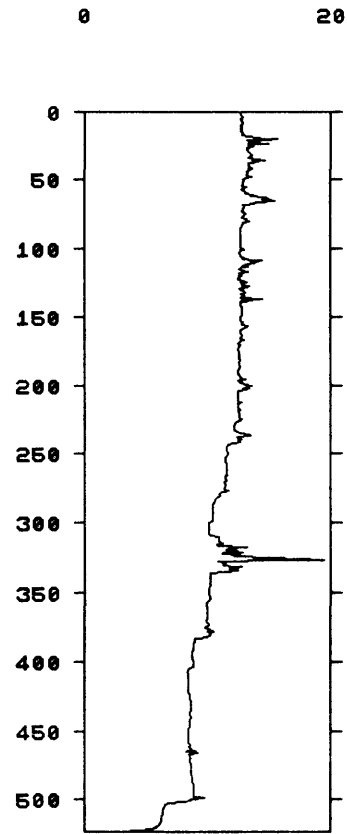
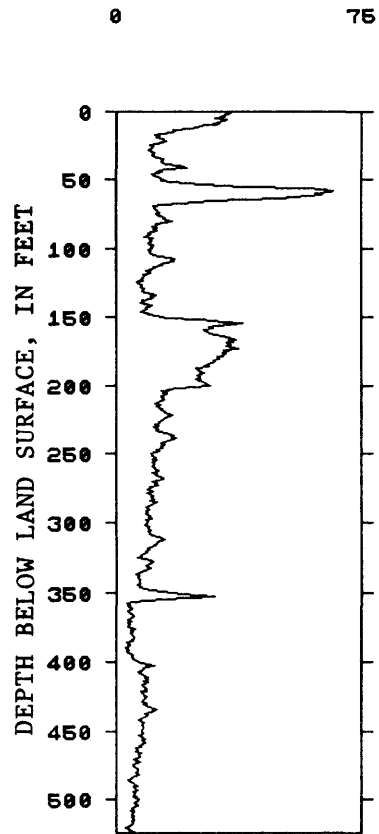


LF3\_8GA

LF3\_8CA

cr=50\_(5-25-88)

sc=in\_(5-25-88)



Well identifier:	Corehole-1	Altitude:	5371 ft
Well location:	02N-32E-22aba1	Depth of well:	2000 ft
Latitude and longitude:	432927 1124101	Depth of hole:	2002 ft
Site identifier:	432927112410101	Total depth logged:	1982 ft
County:	Bingham		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 8. Additional well logs digitized under name Site-1. Are on disks 7 and 9, respectively. Digitized logs continued on the next 4 pages.

SIT1\_NA

SIT1\_CA

sc=.0025\_(8-5-78)

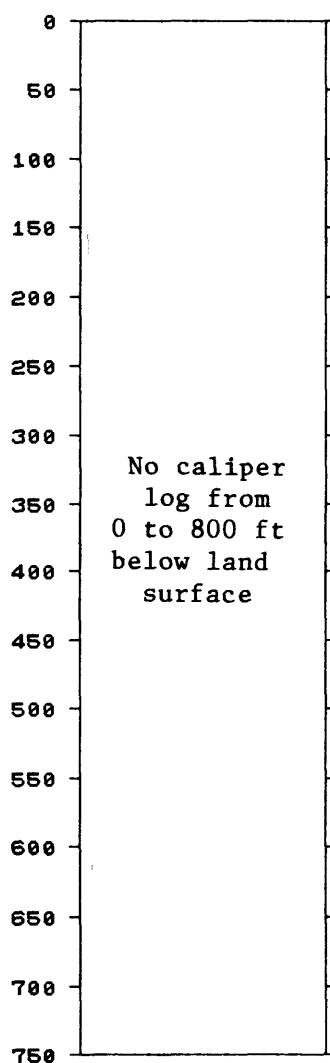
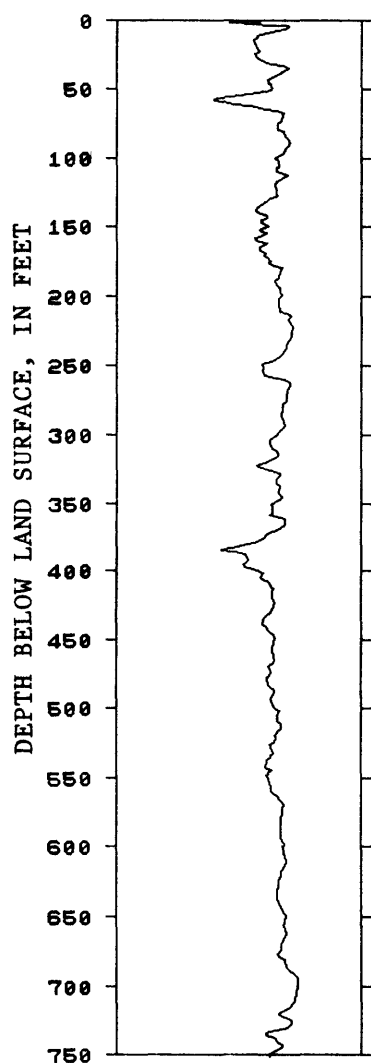
sc=in\_(8-5-78)

0

50

0

10

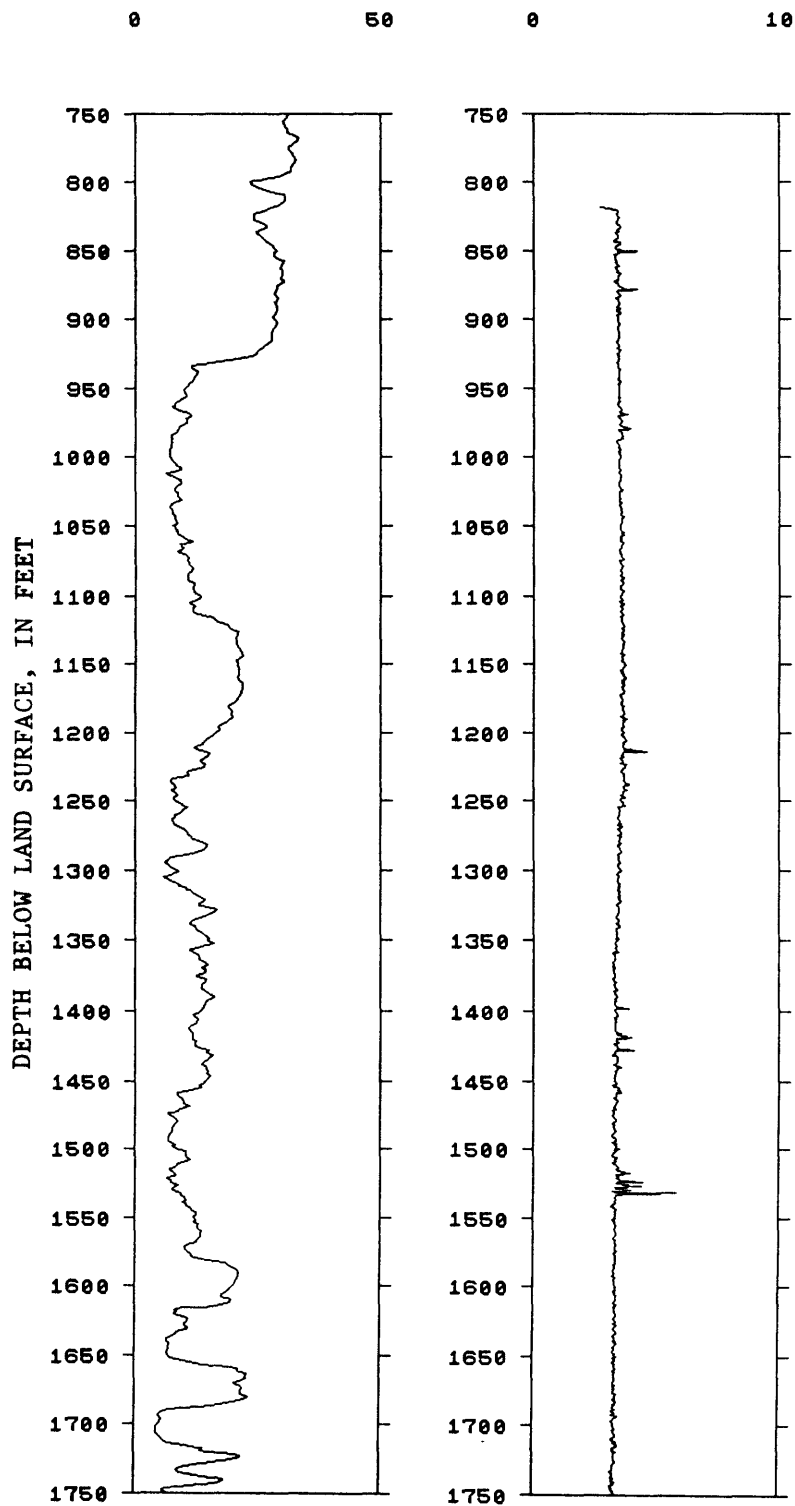


SIT1\_NA--Continued

SIT1\_CA--Continued

sc=.0025\_(8-5-78)

sc=in\_(8-5-78)



SIT1\_NA--Continued

SIT1\_CA--Continued

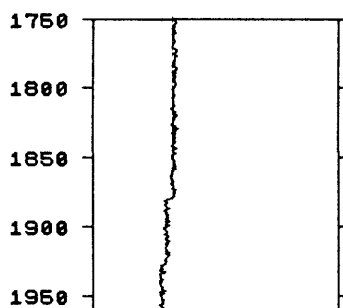
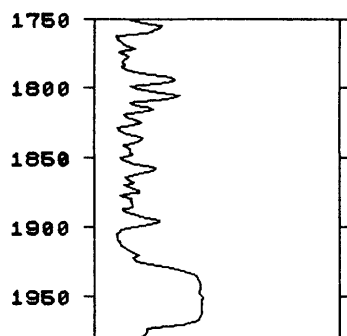
sc=.0025\_(8-5-78)

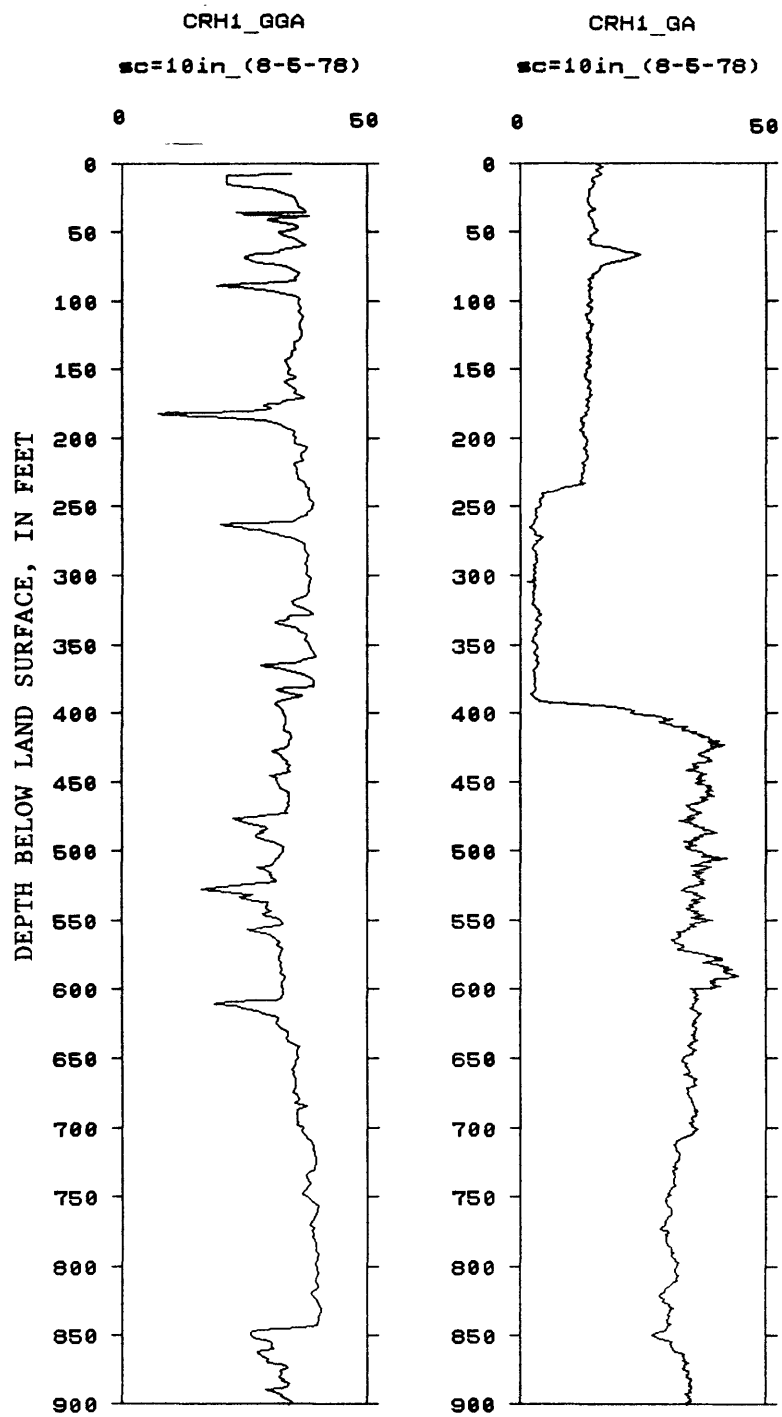
sc=in\_(8-5-78)

DEPTH BELOW LAND SURFACE, IN FEET

0 50

0 10



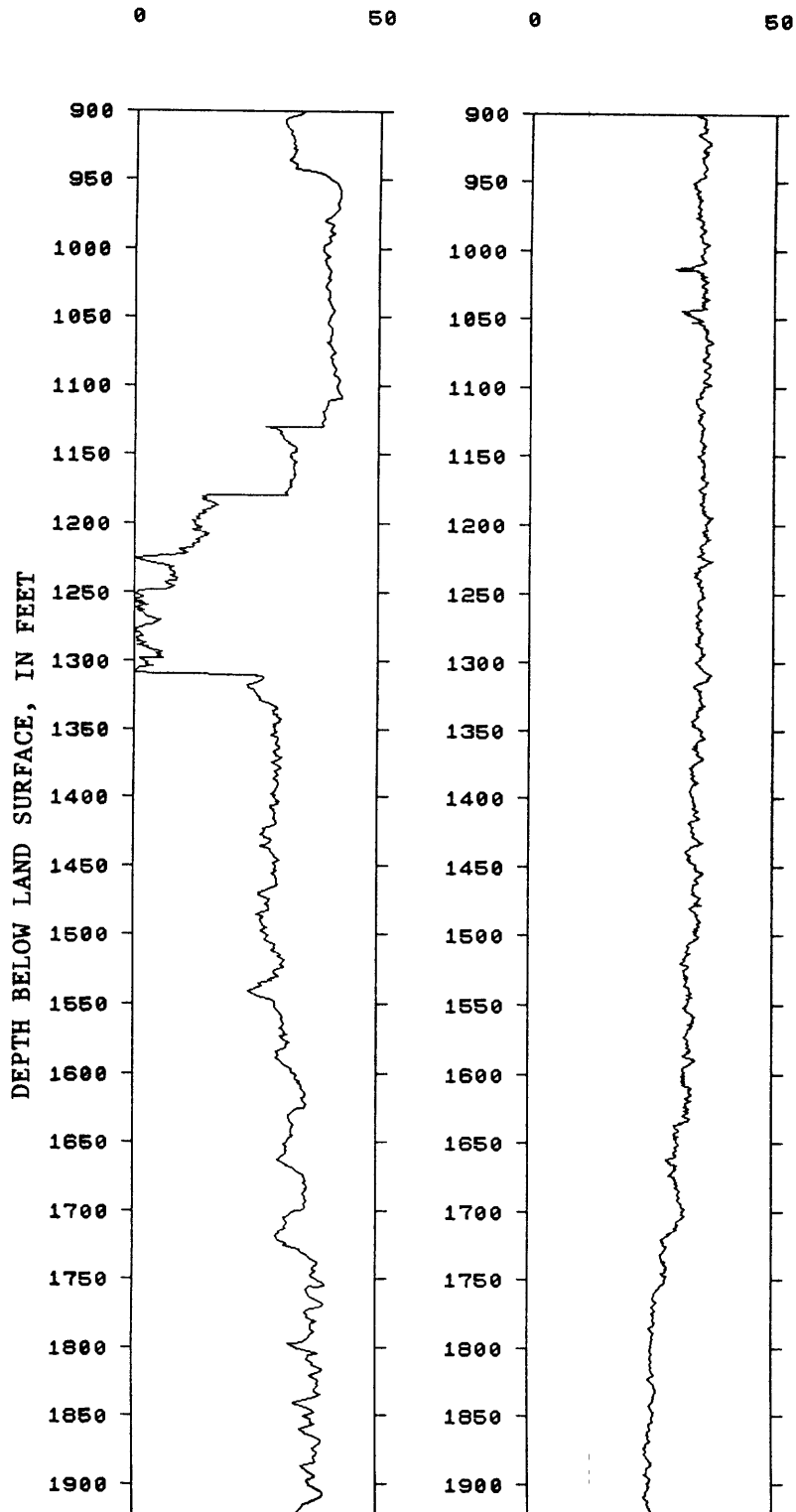


CRH1\_GGA --Continued

CRH1\_GA --Continued

sc=10in\_(8-5-78)

sc=10in\_(8-5-78)

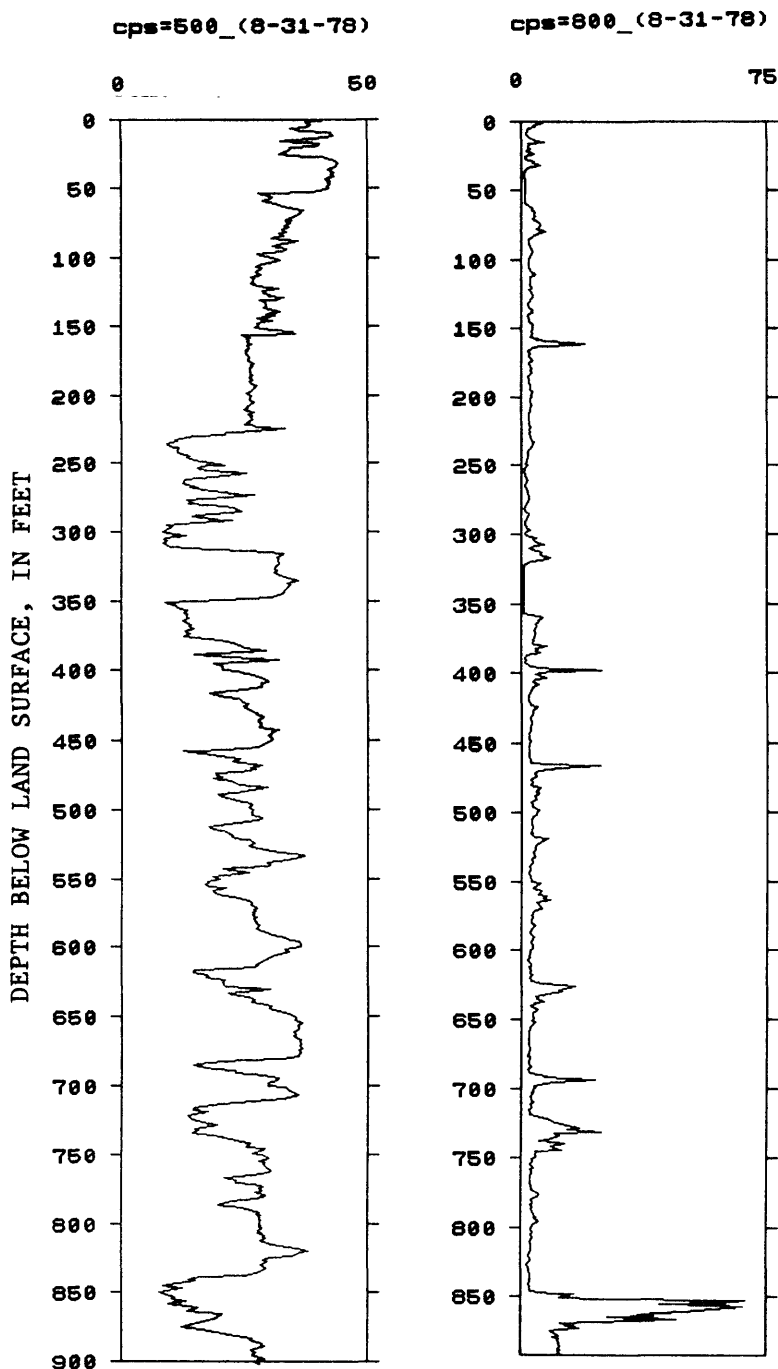


Well identifier:	Corehole-2A	Altitude:	4785 ft
Well location:	05N-31E-15bad1	Depth of well:	3000 ft
Latitude and longitude:	434558 1124448	Depth of hole:	3000 ft
Site identifier:	434558112444801	Total depth logged:	2985 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 10. Digitized and processed logs are on disk 12. No caliper log from 900 to 1900 feet below land surface. Digitized logs continued on the next 3 pages.

CRH2A\_NA

CRH2A\_DA



CRH2A\_GC

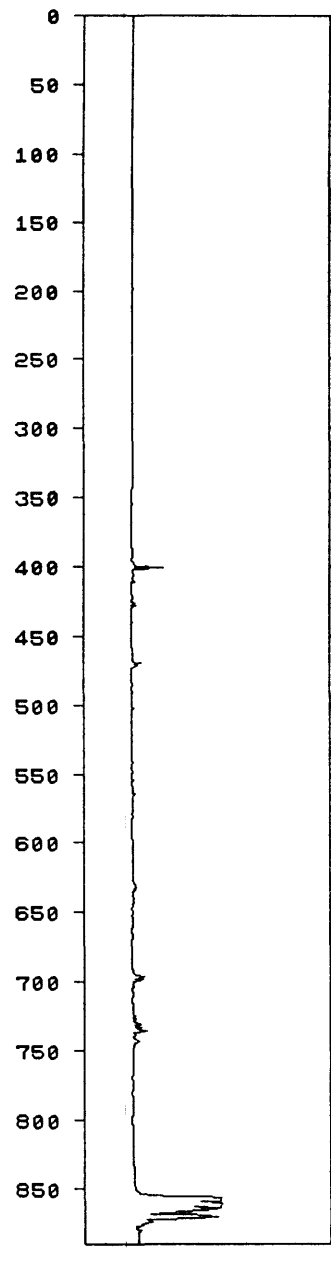
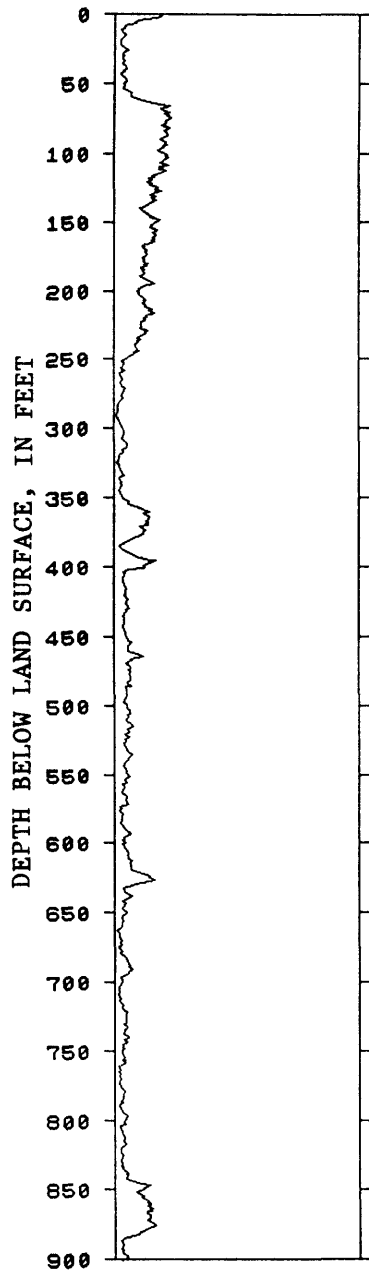
CRH2A\_CA

api=84\_(9-22-78)

sc=in\_(8-31-78)

0 100

0 20





cps=500\_(8-31-78)

api=84\_(9-22-78)

sc=in\_(9-21-78)

0

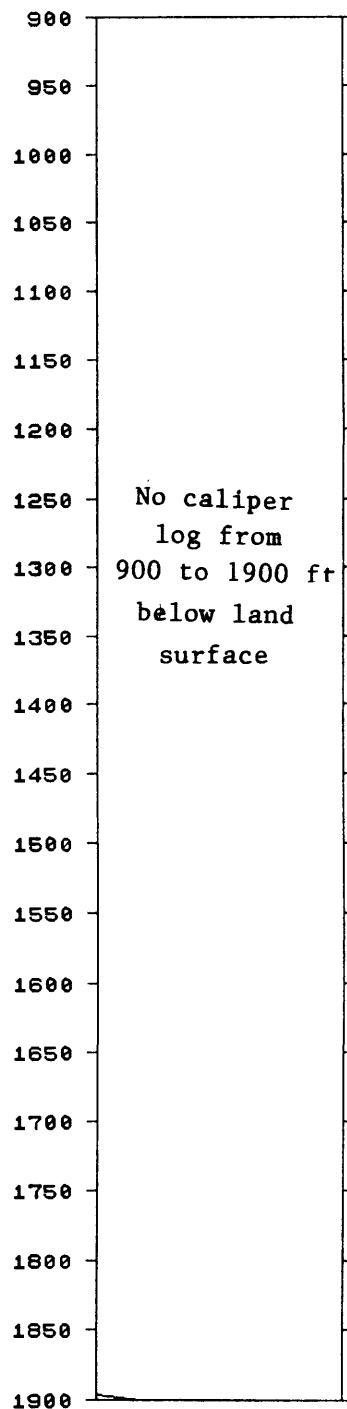
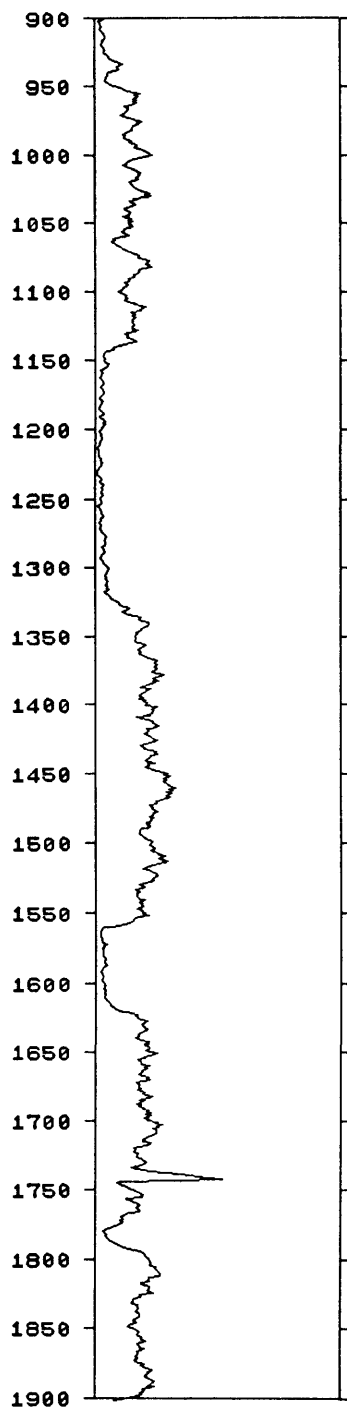
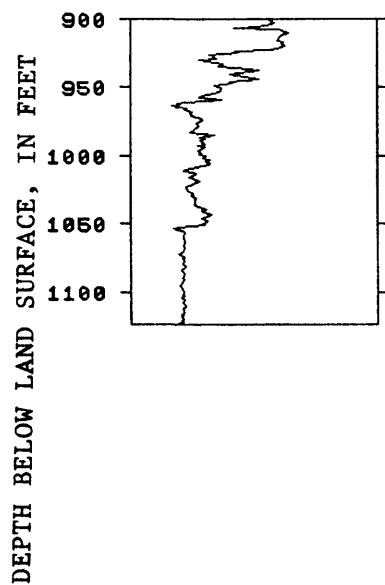
50

0

100

0

20

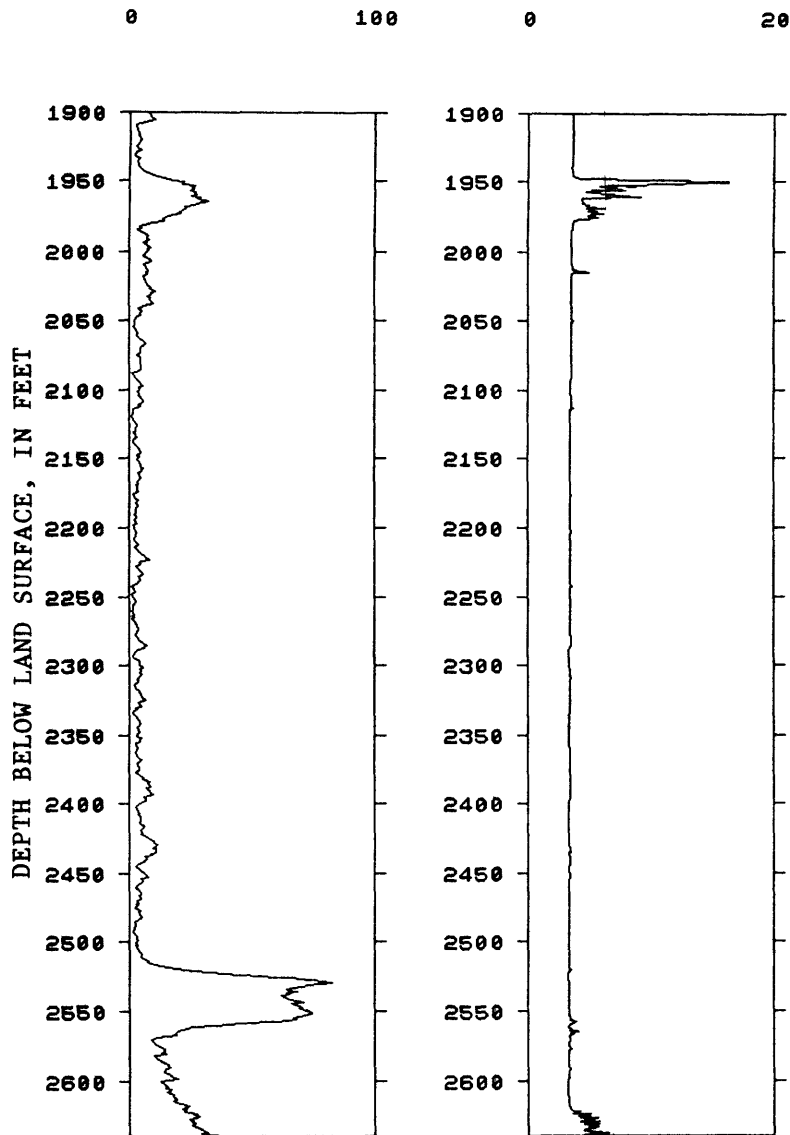


CRH2A\_GC--Continued

CRH2A\_CB--Continued

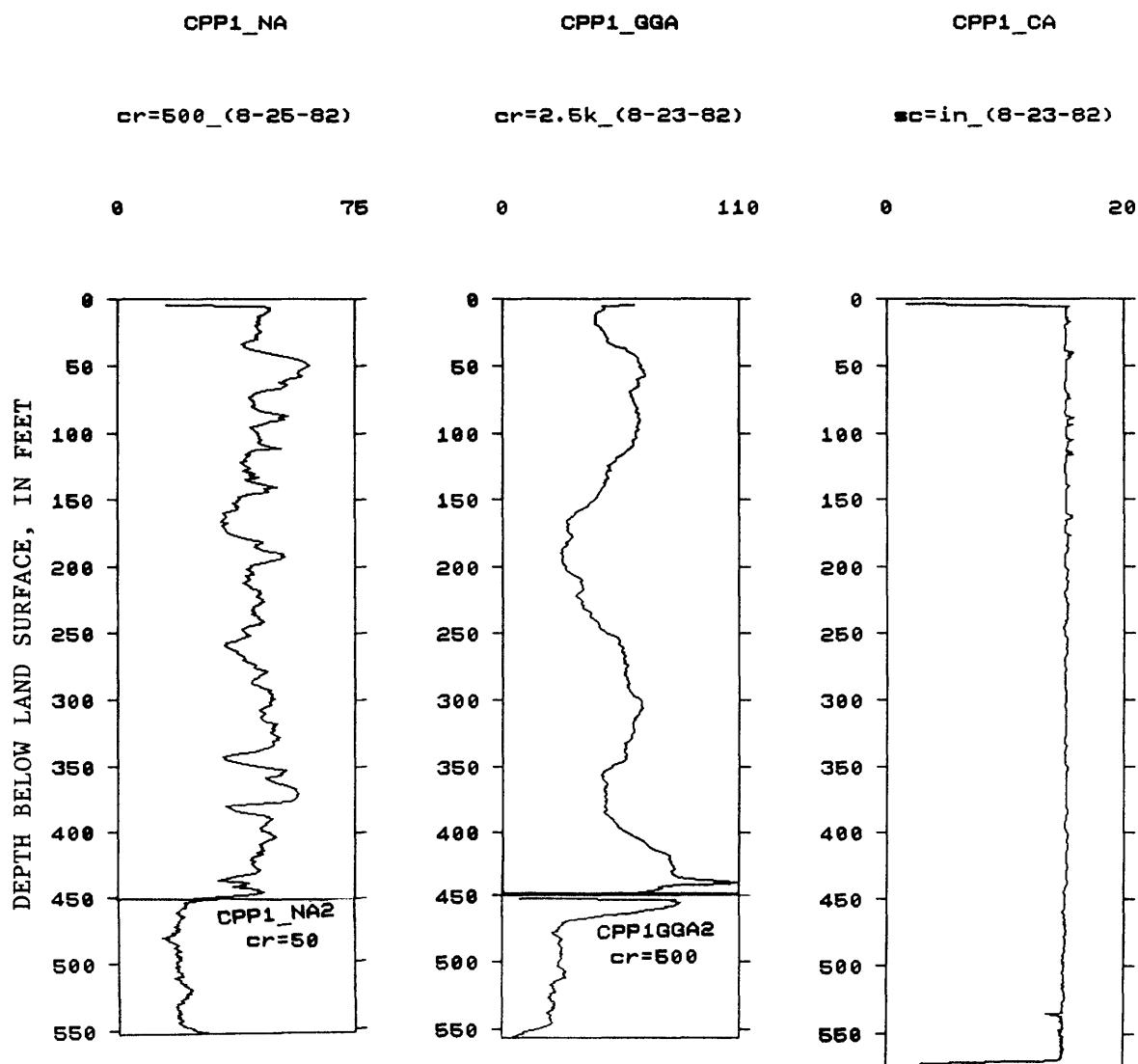
api=84\_(9-22-78)

sc=in\_(9-21-78)



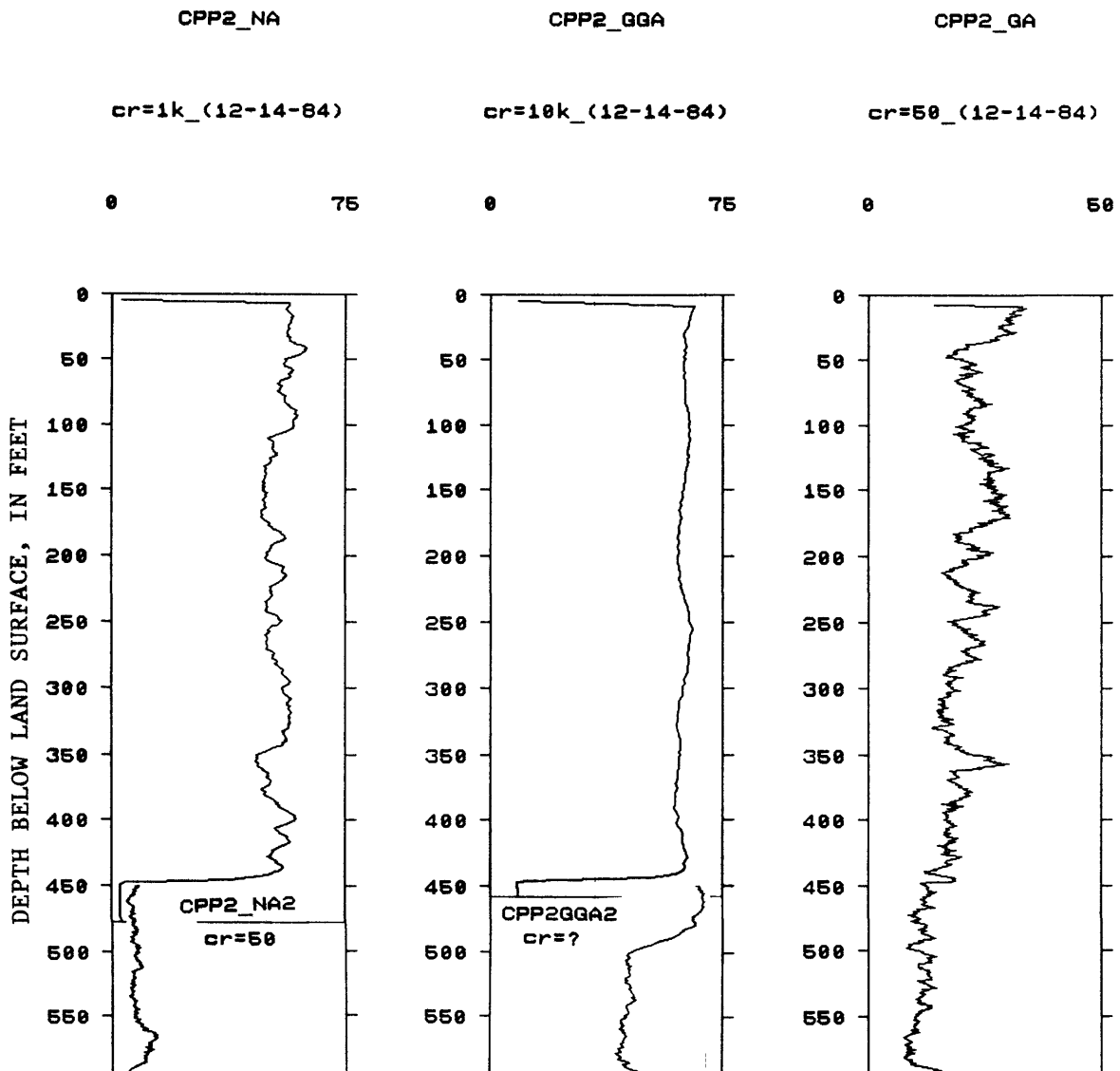
Well identifier:	CPP-1	Altitude:	4913 ft
Well location:	03N-30E-19bcb1	Depth of well:	586 ft
Latitude and longitude:	433433 1125602	Depth of hole:	586 ft
Site identifier:	433433112560201	Total depth logged:	577 ft
County:	Butte		

Remarks: Digitized and unprocessed logs are on disks TRA-2u, 10. Digitized and processed logs are on disks TRA-2p, 12. Neutron log shown was digitized at 2 different scales--cr=500,50. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,500. Line breaks indicate base of upper logged intervals.



Well identifier:	CPP-2	Altitude:	4915 ft
Well location:	03N-29E-24ada1	Depth of well:	605 ft
Latitude and longitude:	433432 1125608	Depth of hole:	605 ft
Site identifier:	433432112560801	Total depth logged:	596 ft
County:	Butte		

Remarks: Digitized and unprocessed logs are on disks TRA-2u, 10. Digitized and processed logs are on disks TRA-2p, 12. Neutron log shown was digitized at 2 different scales--cr=1k,50. Gamma-gamma log shown was digitized at 2 different scales--cr=10k,?. Line breaks indicate base of upper logged intervals.



Well identifier:	CPP-3 (Disp)	Altitude:	4914 ft
Well location:	03N-30E-19cbc1	Depth of well:	598 ft
Latitude and longitude:	433413 1125605	Depth of hole:	598 ft
Site identifier:	433413112560401	Total depth logged:	588 ft
County:	Butte		

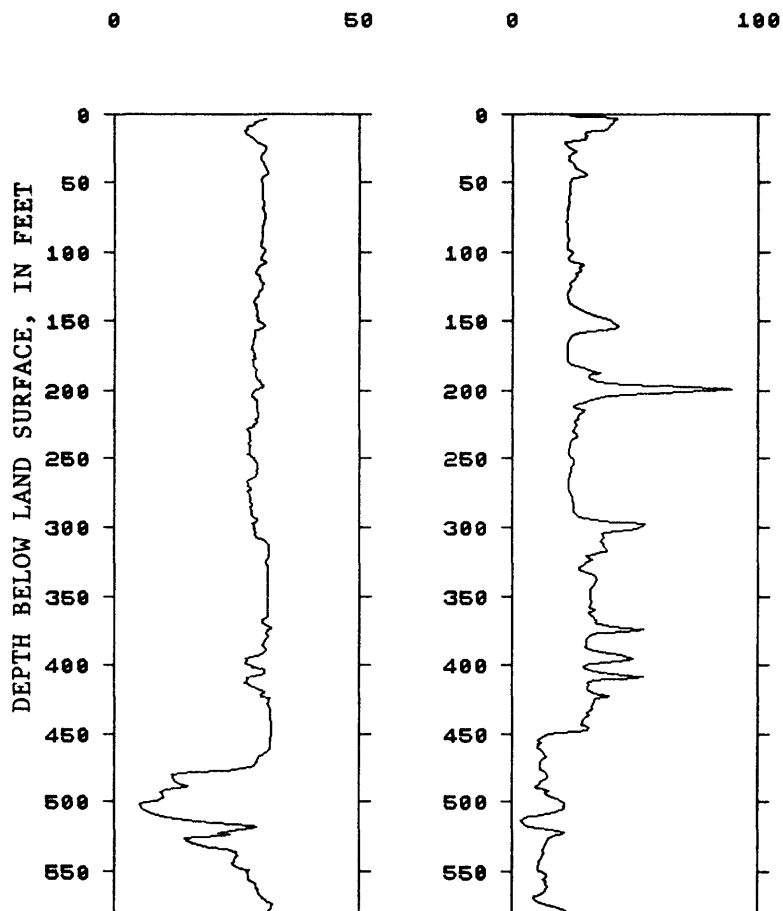
Remarks: Additional digitized and undigitized logs are available (see Table 1).  
Digitized and unprocessed logs are on disk TRA-2u. Digitized and processed logs are on disk TRA-2p.

CPPDP\_NA

CPPDPGGA

sc=.02\_(4-1-71)

cps=300\_(1-21-71)



CPPDP\_GB

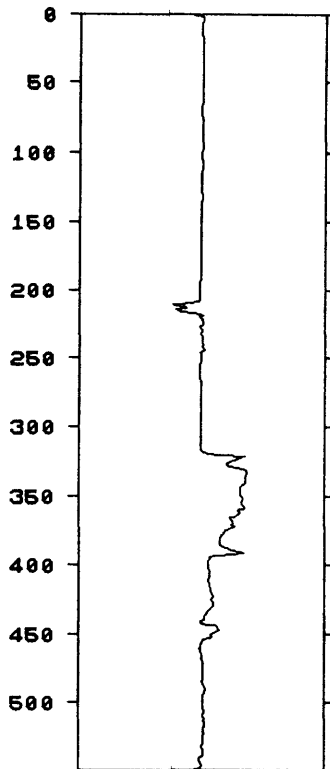
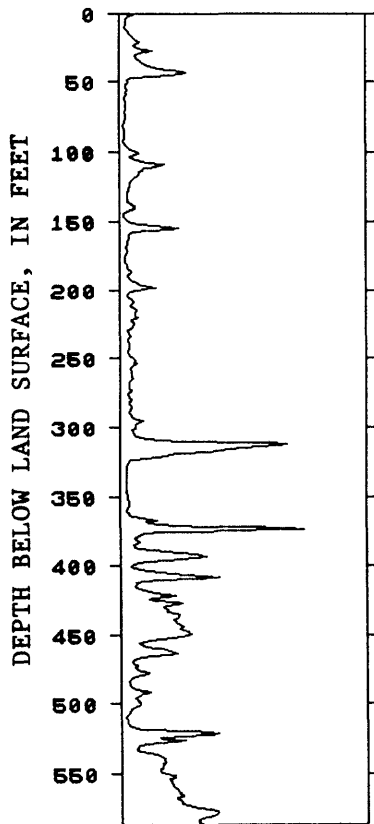
CPPDP\_CB

cps=100\_(4-1-71)

sc=in\_(1-21-71)

0 75

0 30



Well identifier:	CPP-4	Altitude:	4907 ft
Well location:	03N-30E-19bacl	Depth of well:	700 ft
Latitude and longitude:	433440 1125544	Depth of hole:	700 ft
Site identifier:	433440112554401	Total depth logged:	690 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk TRA-2u. Digitized and processed logs are on disk TRA-2p. Neutron log shown was digitized at 2 different scales--cr=1k,20. Gamma-gamma log was digitized at 2 different scales--cr=10k,500. Line breaks indicate base of upper logged intervals. Caliper log shown is a combination of 2 digitized logs. Line break separates CPP4\_CA and CPP4\_CB.

### CPP4\_NA1

### CPP4GGA1

cr=1k\_(10-13-83)

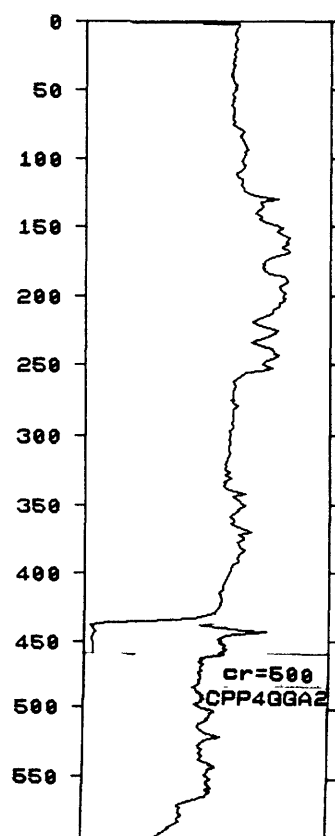
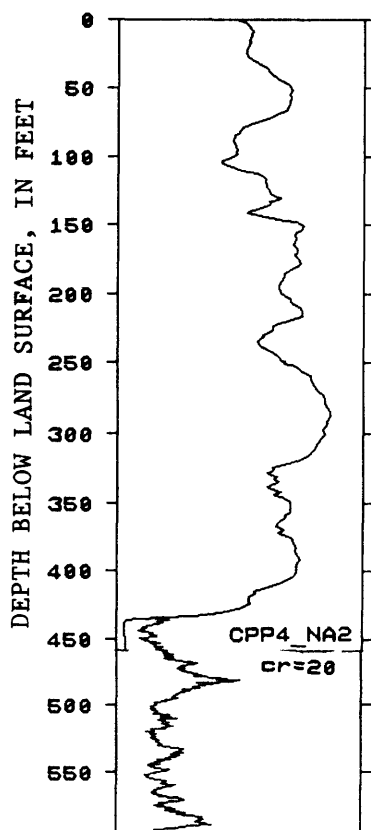
cr=10k\_(10-13-83)

0

75

0

75



CPP4\_GA

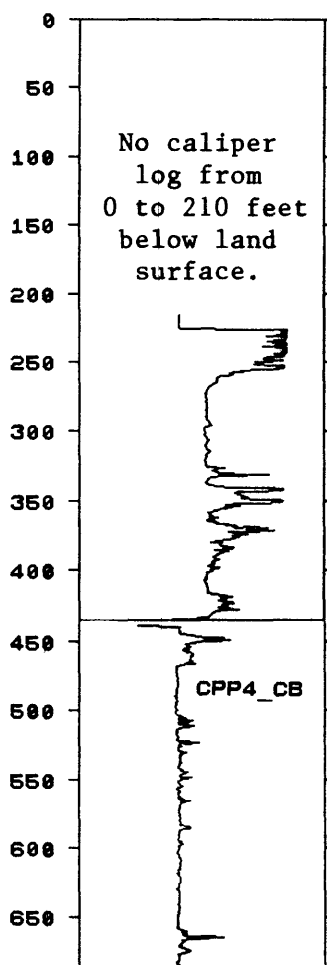
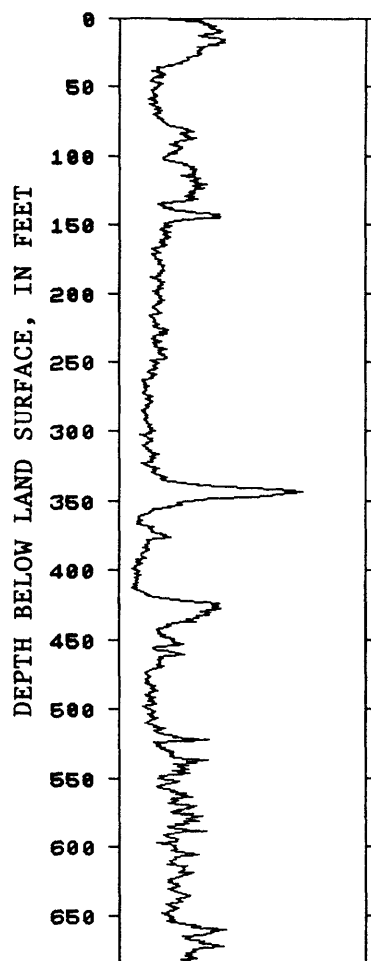
CPP4\_CA

cr=50\_(10-13-83)

sc=in\_(10-6-83)

0 50

0 40





Well identifier:	D-15	Altitude:	5011 ft
Well location:	02N-29E-18cbl	Depth of well:	--
Latitude and longitude:	432955 1130312	Depth of hole:	--
Site identifier:	432955112031201	Total depth logged:	252 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2. No caliper log from 0 to 110 feet below land surface.		

D\_15\_NA

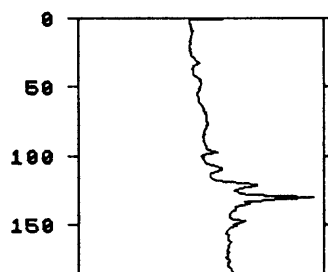
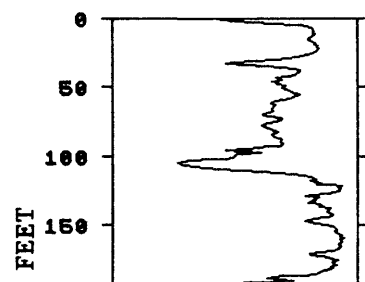
D\_15GGA

cr=1k\_(9-12-87)

cr=2.5k\_(9-12-87)

0 100

0 100



D\_15\_GA

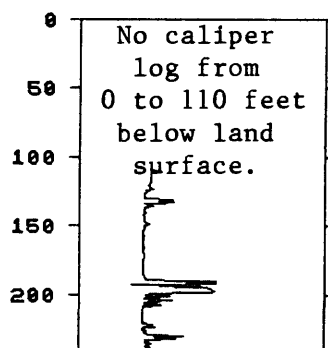
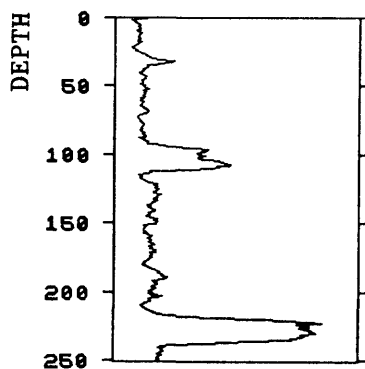
D\_15\_CA

cr=50\_(9-12-87)

in\_(9-12-87)

0 75

0 20



Well identifier:	DH-1B	Altitude:	4791 ft
Well location:	05N-30E-11cdd1	Depth of well:	--
Latitude and longitude:	434611 1125043	Depth of hole:	400 ft
Site identifier:	434611112504301	Total depth logged:	398 ft
County:	Butte		

Remarks: Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 8. Neutron log shown was digitized at 2 different scales--cr=1k,50. Gamma-gamma log shown was digitized at 2 different scales--cr=5k,500. Line breaks indicate base of upper logged intervals.

DH1B\_NA1

DH1BGGGA1

cr=1k\_(9-12-84)

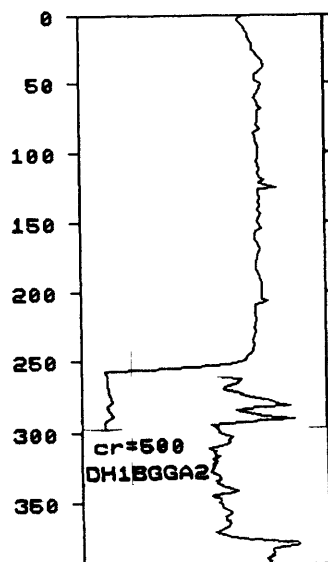
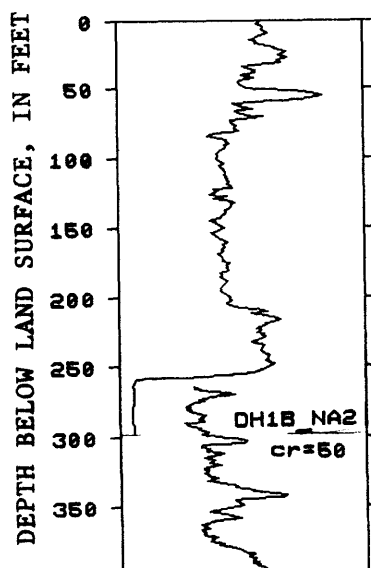
cr=5k\_(9-12-84)

0

75

0

50

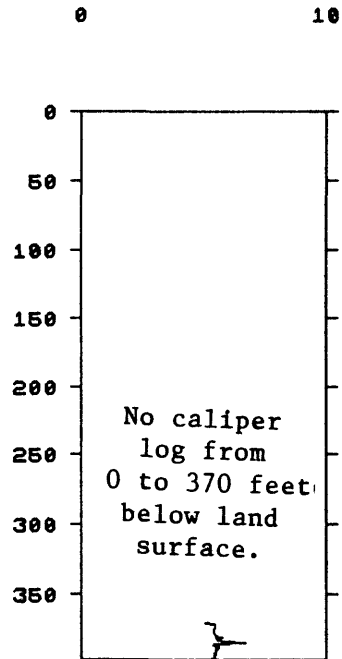
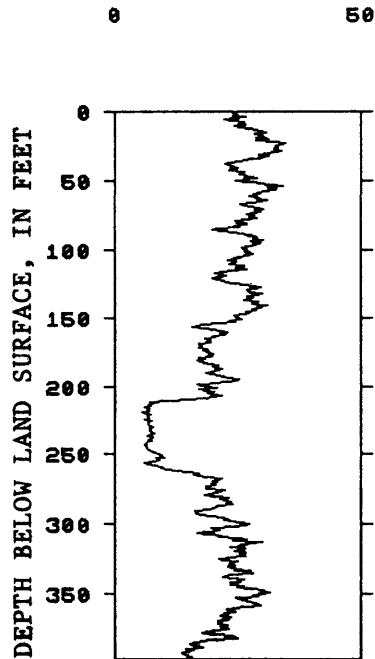


DH1B\_GA

DH1B\_CA

sc=in\_(9-12-84)

sc=in\_(9-12-84)



Well identifier:	DH-2A	Altitude:	4792 ft
Well location:	05N-30E-15adc1	Depth of well:	430 ft
Latitude and longitude:	434547 1125128	Depth of hole:	430 ft
Site identifier:	434547112512801	Total depth logged:	426 ft
County:	Butte		

Remarks: Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 10. Neutron log shown was digitized at 2 different scales--cr=1k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=5k,500. Line breaks indicate base of upper logged interval.

DH2A\_NA1

DH2AGGA1

DH2A\_GA

cr=1k\_(9-24-84)

cr=5k\_(9-24-84)

cr=50\_(9-24-84)

0

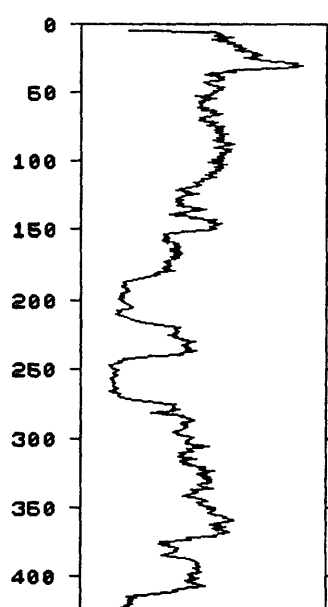
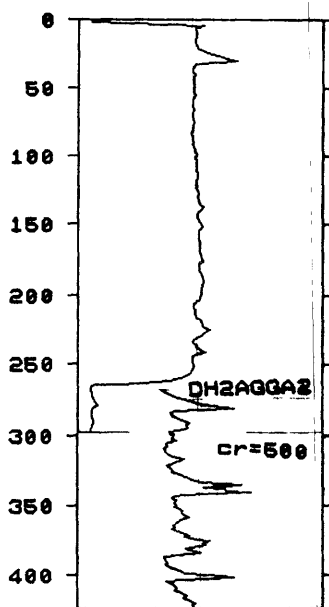
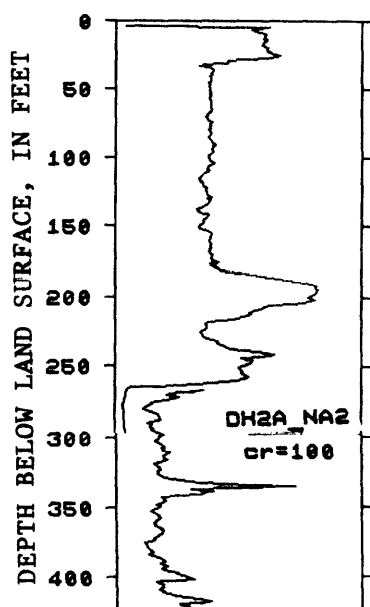
75

0

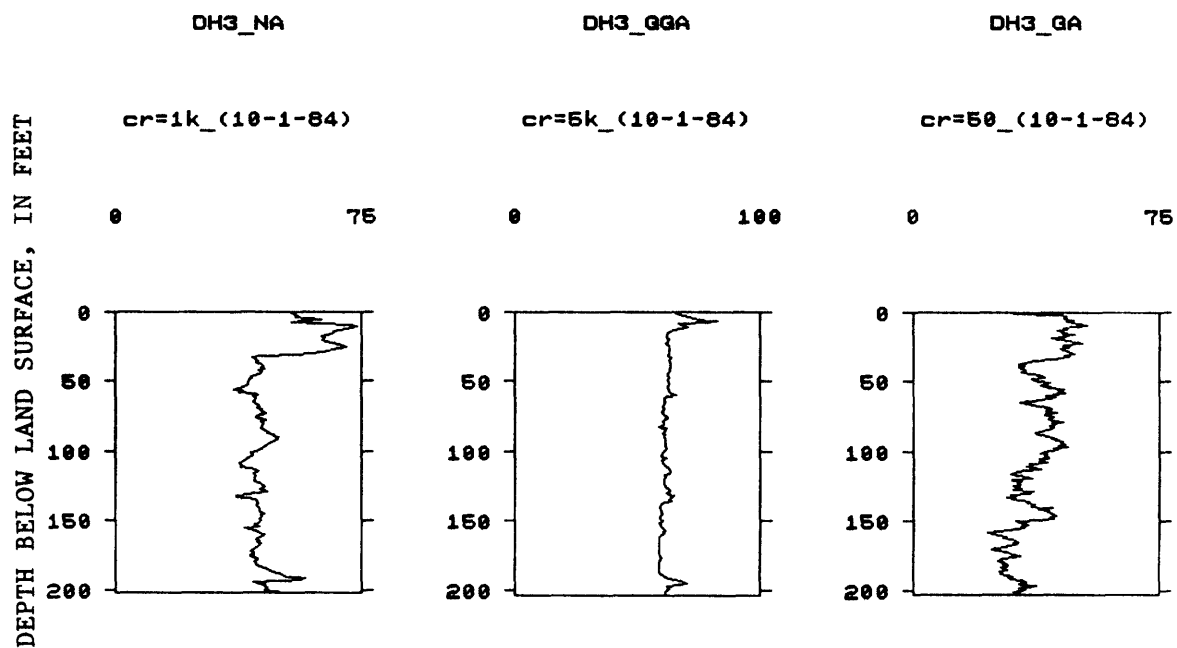
75

0

50



Well identifier:	DH-3	Altitude:	4795 ft
Well location:	05N-30E-14bbc1	Depth of well:	--
Latitude and longitude:	434558 1125105	Depth of hole:	--
Site identifier:	--	Total depth logged:	203 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 8.		



Well identifier:	D0-2	Altitude:	5012 ft
Well location:	02N-29E-18acc1	Depth of well:	--
Latitude and longitude:	433002 1130237	Depth of hole:	--
Site identifier:	--	Total depth logged:	233 ft
County:	Butte		
Remarks:	Additional digitized logs are available (Table 1). Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2.		

DO\_2\_NB

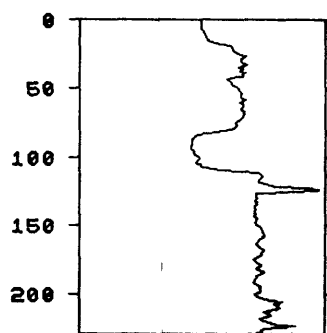
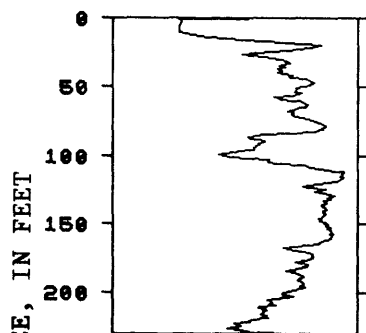
DO\_2GBB

cr=1k\_(9-18-87)

cr=2.5k\_(9-18-87)

0 100

0 105



DO\_2\_GB

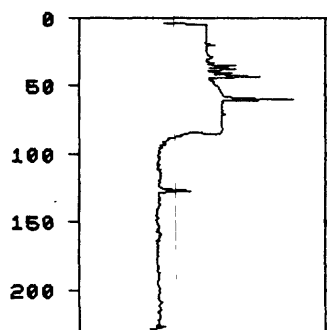
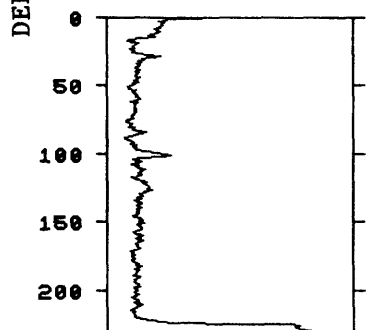
DO\_2\_CB

cr=50\_(9-18-87)

sc=in\_(7-6-89)

0 75

0 20



Well identifier:	DO-6	Altitude:	5017 ft
Well location:	02N-29E-18acc2	Depth of well:	--
Latitude and longitude:	433004 1130241	Depth of hole:	--
Site identifier:	--	Total depth logged:	125 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2.		

DO\_6\_NA

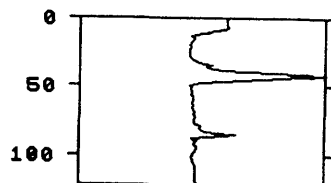
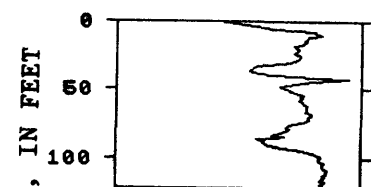
DO\_6GGA

cr=1k\_(8-22-86)

cr=5k\_(8-22-86)

0 75

0 100



DO\_6\_GA

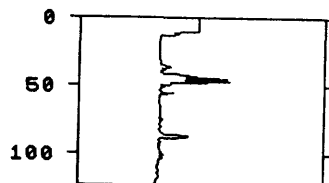
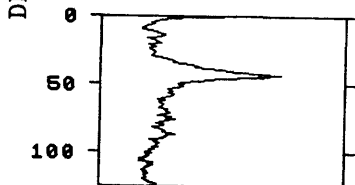
DO\_6\_CA

cr=50\_(8-22-86)

in\_(8-22-86)

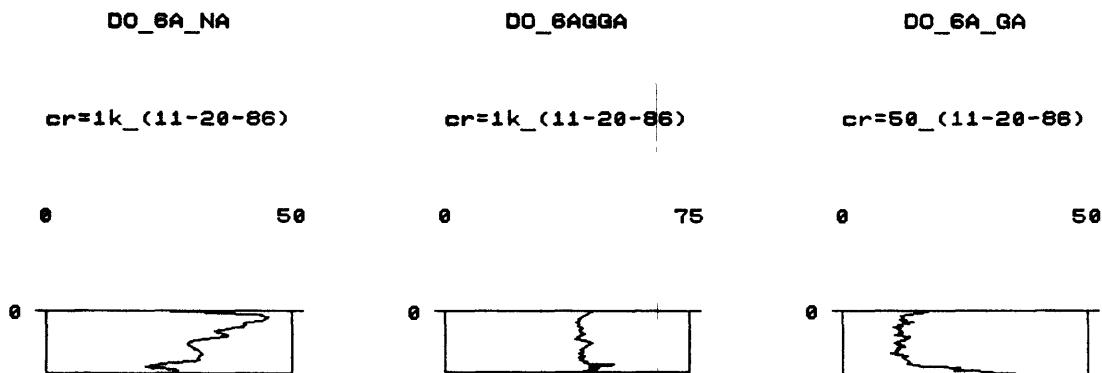
0 50

0 20



Well identifier: DO-6A Altitude: 5012 ft  
 Well location: 02N-29E-18acc3 Depth of well: --  
 Latitude and longitude: 433004 1130241 Depth of hole: --  
 Site identifier: -- Total depth logged: 47 ft  
 County: Butte  
 Remarks: Digitized and unprocessed logs are on disk 2.  
 Digitized and processed logs are on disk 2.

DEPTH BELOW LAND SURFACE, IN FEET





Well identifier:	EBR-I	Altitude:	5024 ft
Well location:	02N-29E-09caa1	Depth of well:	1075 ft
Latitude and longitude:	433051 1125308	Depth of hole:	1075 ft
Site identifier:	433051113002601	Total depth logged:	1036 ft
County:	Butte		

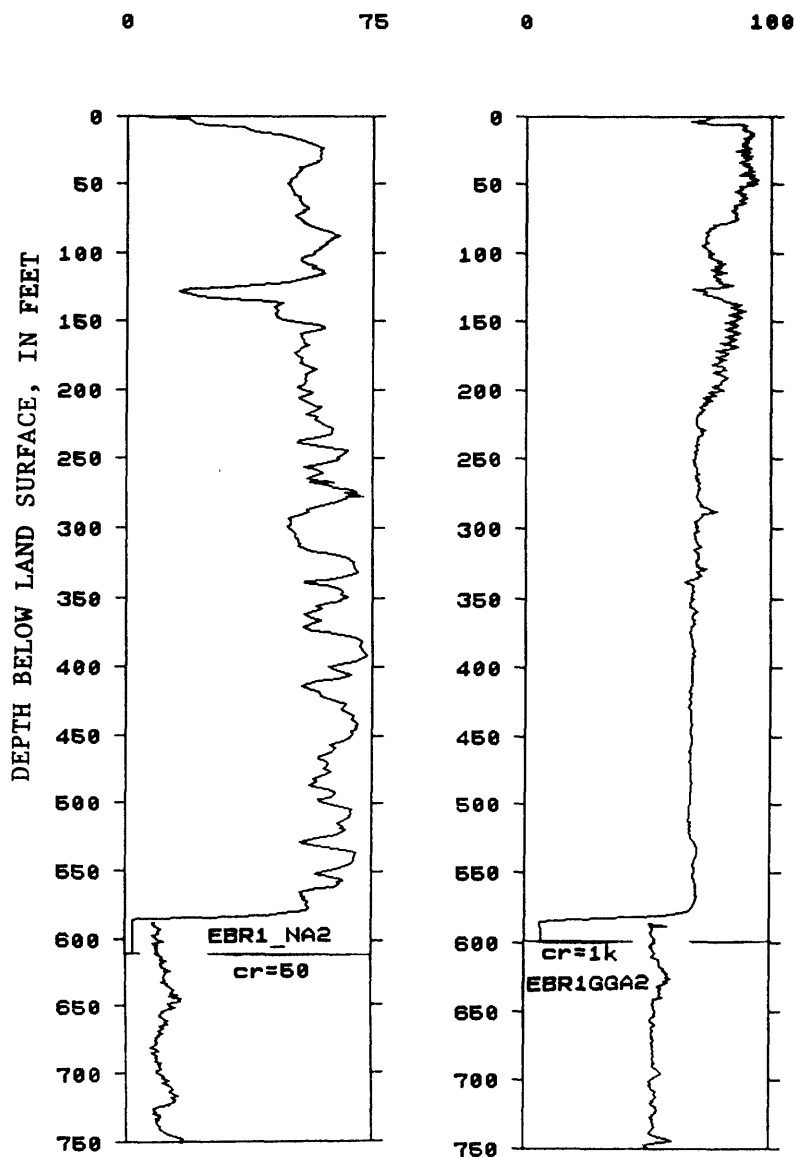
Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 10. Neutron log shown was digitized at 2 different scales--cr=1k,50. Gamma-gamma log shown was digitized at 2 different scales--cr=10k,1k. Line breaks indicate base of upper logged intervals. Digitized logs continued on the next 2 pages.

**EBR1\_NA1**

**EBR1GGA1**

**cr=1k\_(6-23-83)**

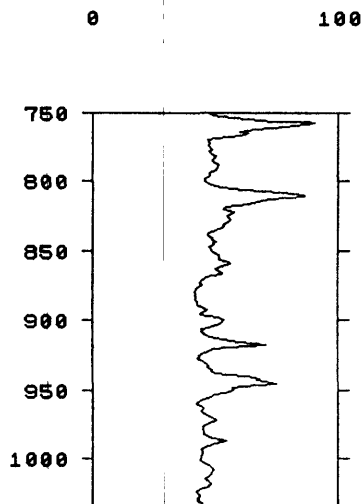
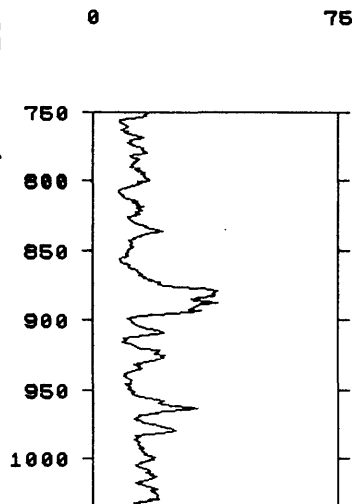
**cr=10k\_(6-23-83)**



cr=50\_(6-23-83)

cr=1k\_(6-23-83)

DEPTH BELOW LAND SURFACE, IN FEET



EBR1\_GA

EBR1\_CA

cr=50\_(6-23-83)

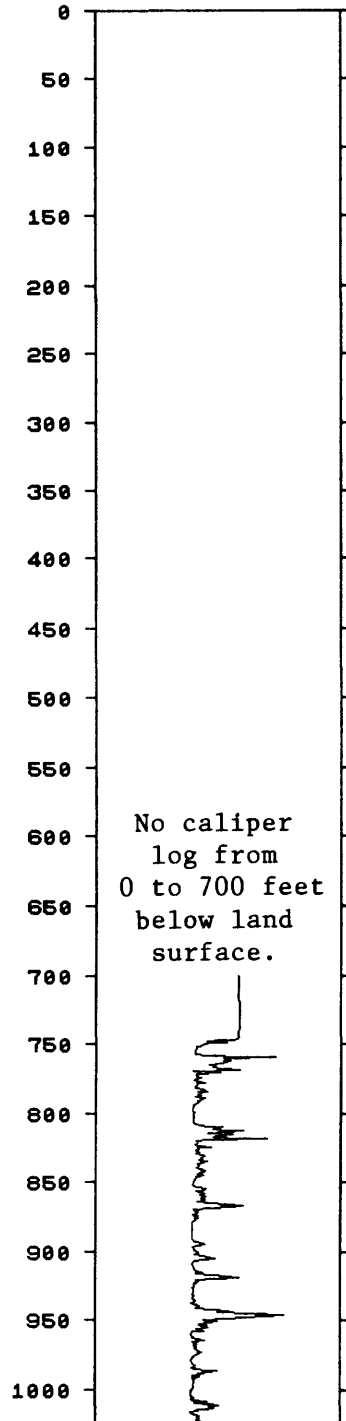
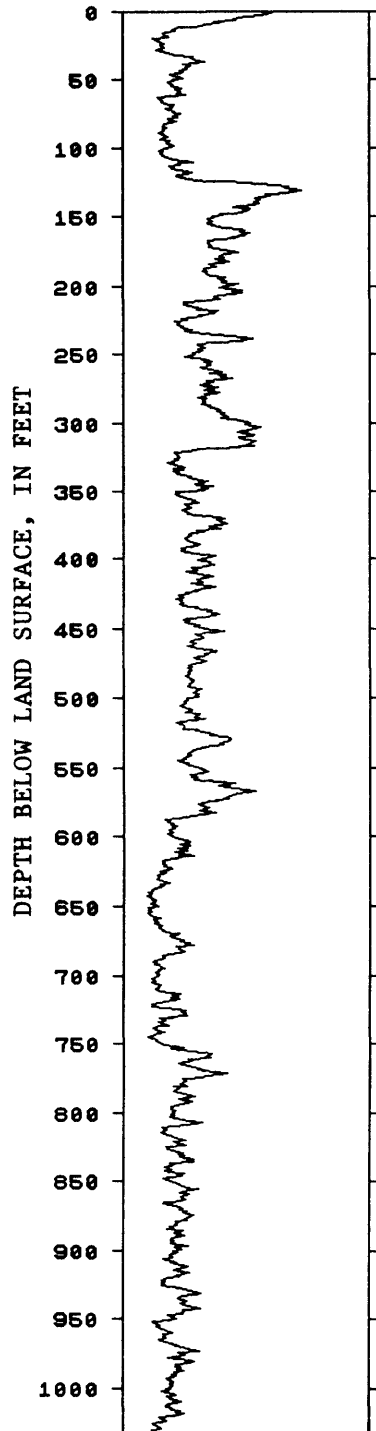
sc=in\_(6-23-83)

0

75

0

30



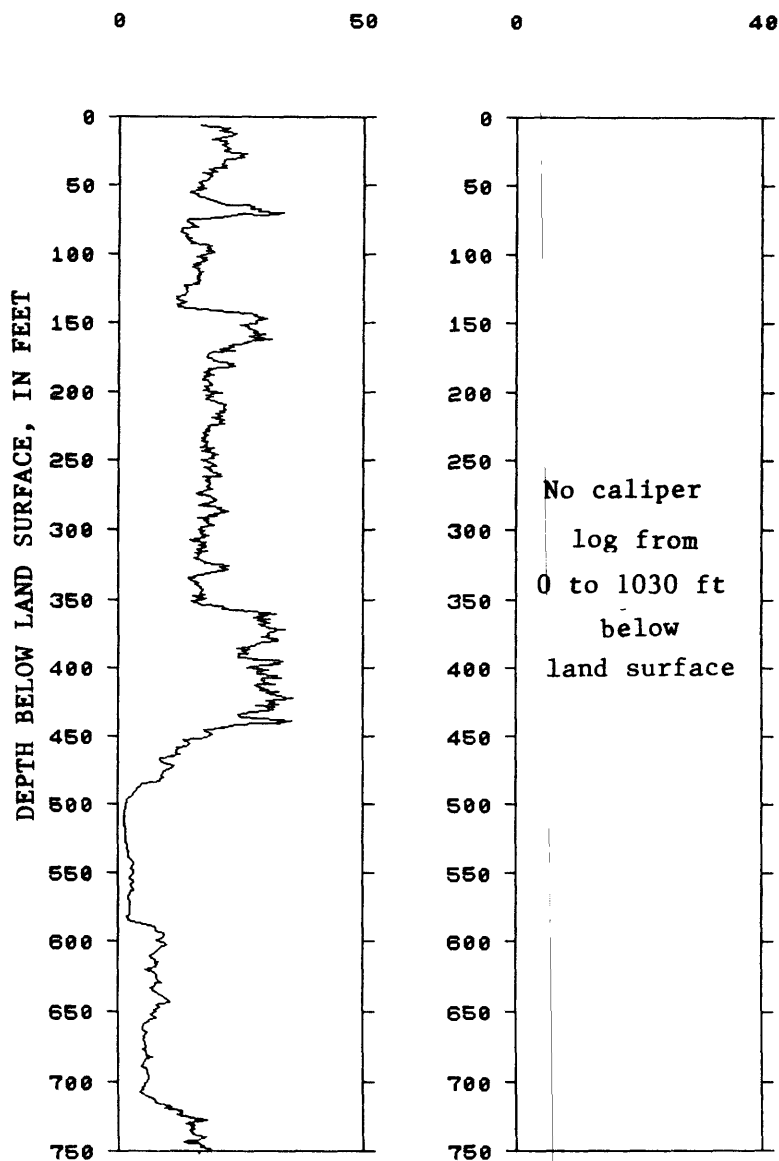
Well identifier:	EOCR	Altitude:	4939 ft
Well location:	02N-30E-05ddd1	Depth of well:	1237 ft
Latitude and longitude:	433120 1125349	Depth of hole:	1237 ft
Site identifier:	433120112535101	Total depth logged:	1237 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 8. Digitized logs continued on the next page.		

EOCR\_GB

EOCR\_CA

sc=.0025\_(8-5-88)

sc=in\_(8-5-88)



EOCR\_GB--Continued

EOCR\_CA--Continued

sc=.0025\_(8-5-60)

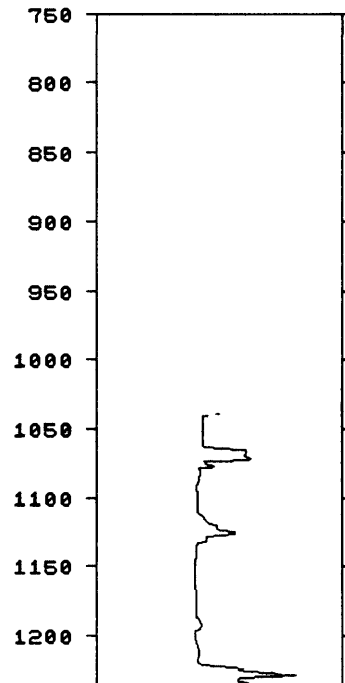
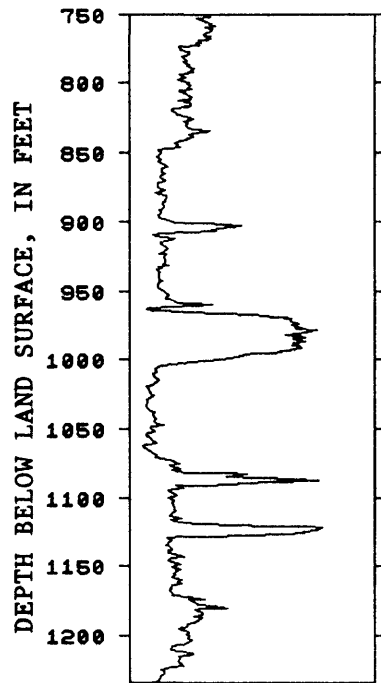
sc=in\_(8-5-60)

0

50

0

40



Well identifier:	EOCR (Disp)	Altitude:	4937 ft
Well location:	02N-30E-05ddd2	Depth of well:	--
Latitude and longitude:	433119 1125346	Depth of hole:	--
Site identifier:	--	Total depth logged:	285 ft

County: Butte

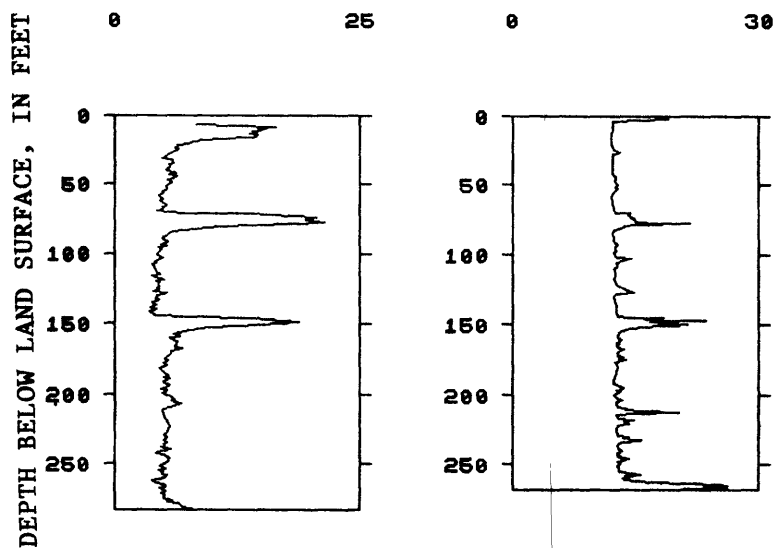
Remarks: Additional digitized and undigitized logs are available (see Table 1).  
Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 8.

EOCR1\_GC

EOCR1\_CB

sc=.005\_(6-26-61)

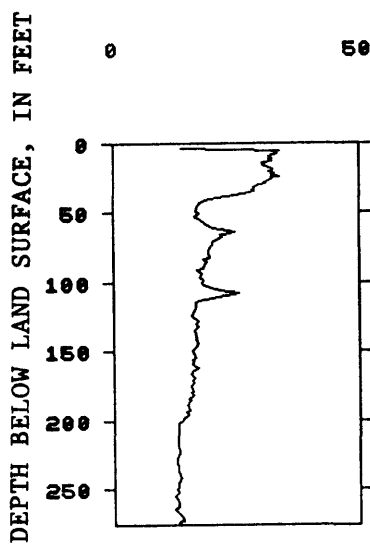
sc=in\_(6-12-61)



Well identifier:	Fet-Disp.-1	Altitude:	4780 ft
Well location:	06N-31E-11cdd1	Depth of well:	--
Latitude and longitude:	435127 1124334	Depth of hole:	--
Site identifier:	--	Total depth logged:	276 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		

**FET1\_GA**

**SC=.0025\_(10-26-57)**



Well identifier:	Gin-1	Altitude:	4787 ft
Well location:	06N-31E-24dda1	Depth of well:	373 ft
Latitude and longitude:	434947 1124143	Depth of hole:	373 ft
Site identifier:	434947112414301	Total depth logged:	372 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Density log shown was digitized at 2 different scales--cps=300,30. Line break indicates base of upper logged interval. No caliper log from 0 to 40 feet below land surface.

GIN1\_DB1

GIN1\_GA

GIN1\_CA

cps=300\_(5-15-64)

cps=1\_(5-15-64)

sc=in\_(3-25-64)

0

50

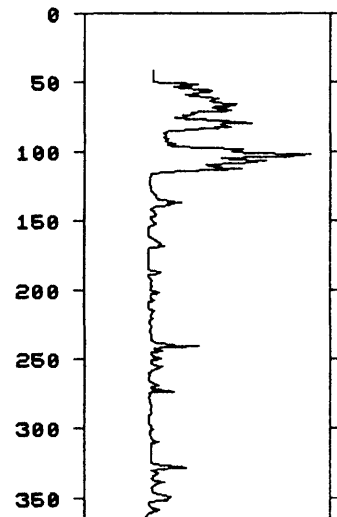
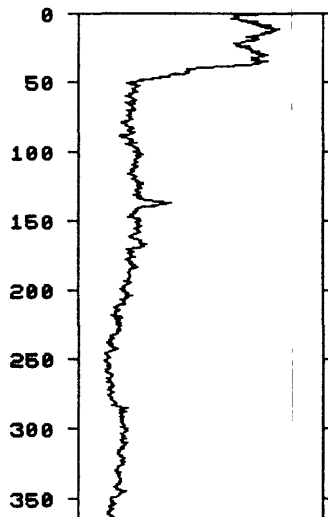
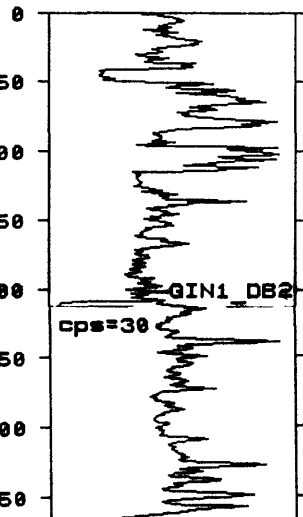
0

100

0

30

DEPTH BELOW LAND SURFACE, IN FEET





Well identifier:	Gin-2	Altitude:	4787 ft
Well location:	06N-32E-22ccb1	Depth of well:	402 ft
Latitude and longitude:	434949 1124134	Depth of hole:	402 ft
Site identifier:	434949112413401	Total depth logged:	403 ft
County:	Jefferson		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Density log shown was digitized at 2 different scales--cps=300,30. Line break indicates base of upper logged interval. No caliper log from 0 to 30 feet below land surface.

GIN2\_DB1

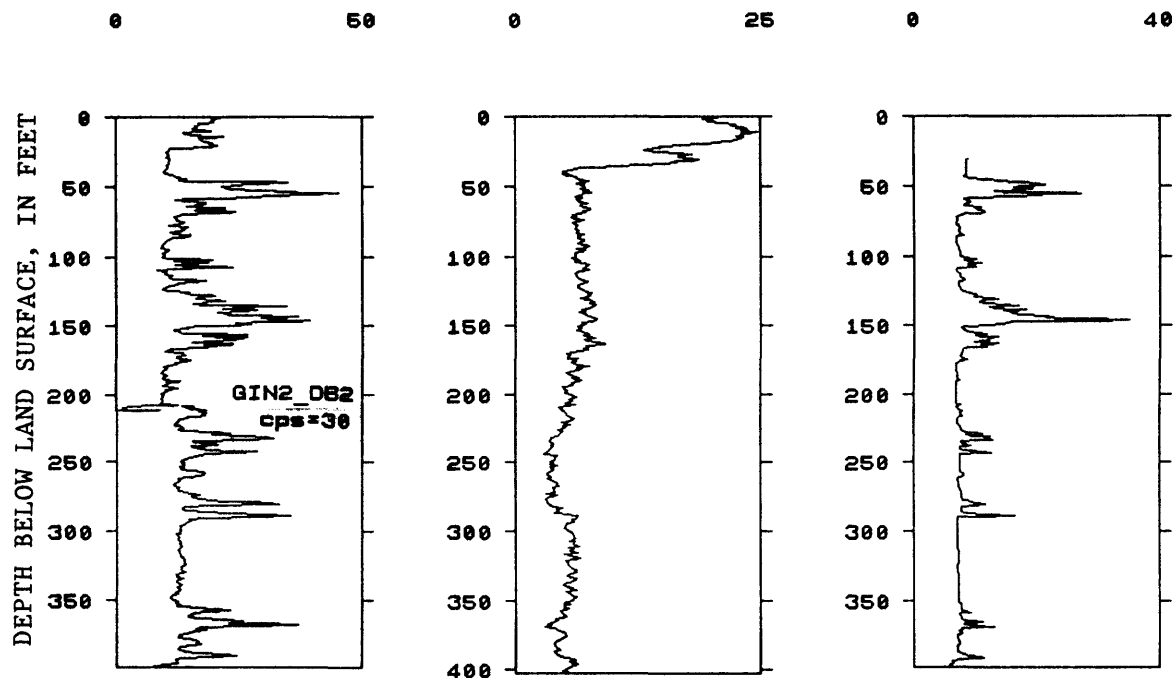
GIN2\_GC

GIN2\_CB

cps=300\_(5-11-64)

cps=3\_(5-11-64)

sc=in\_(5-11-64)



Well identifier:	Gin-3	Altitude:	4787 ft
Well location:	06N-32E-22ccb2	Depth of well:	386 ft
Latitude and longitude:	434945 1124131	Depth of hole:	386 ft
Site identifier:	434945112413101	Total depth logged:	388 ft
County:	Jefferson		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Density log shown was digitized at 2 different scales--cps=300,30. Line break indicates base of upper logged interval. Caliper log shown is a combination of 2 digitized logs. Line break separates GIN3\_CA and GIN3\_CB.

GIN3\_DB1

GIN3\_GC

GIN3\_CA

cps=300\_(5-12-64)

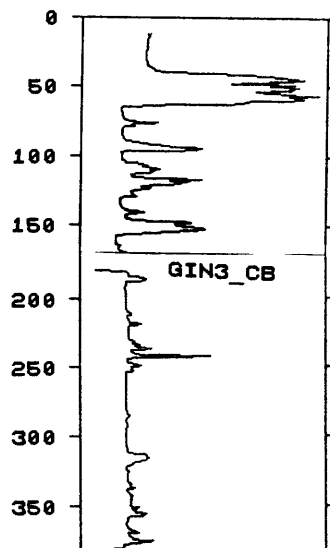
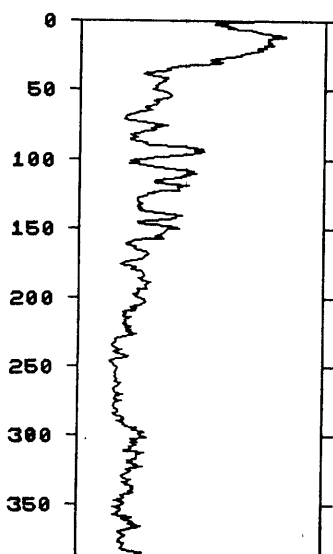
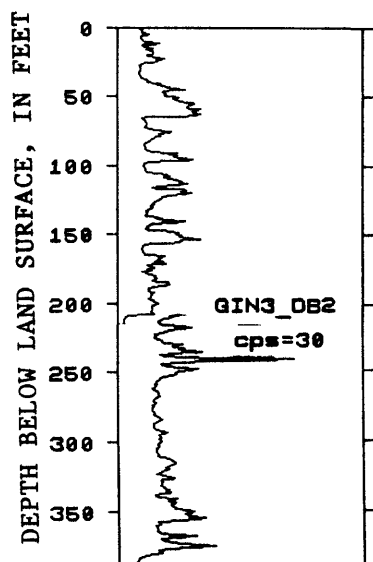
cps=3\_(5-14-64)

sc=in\_(3-27-64)

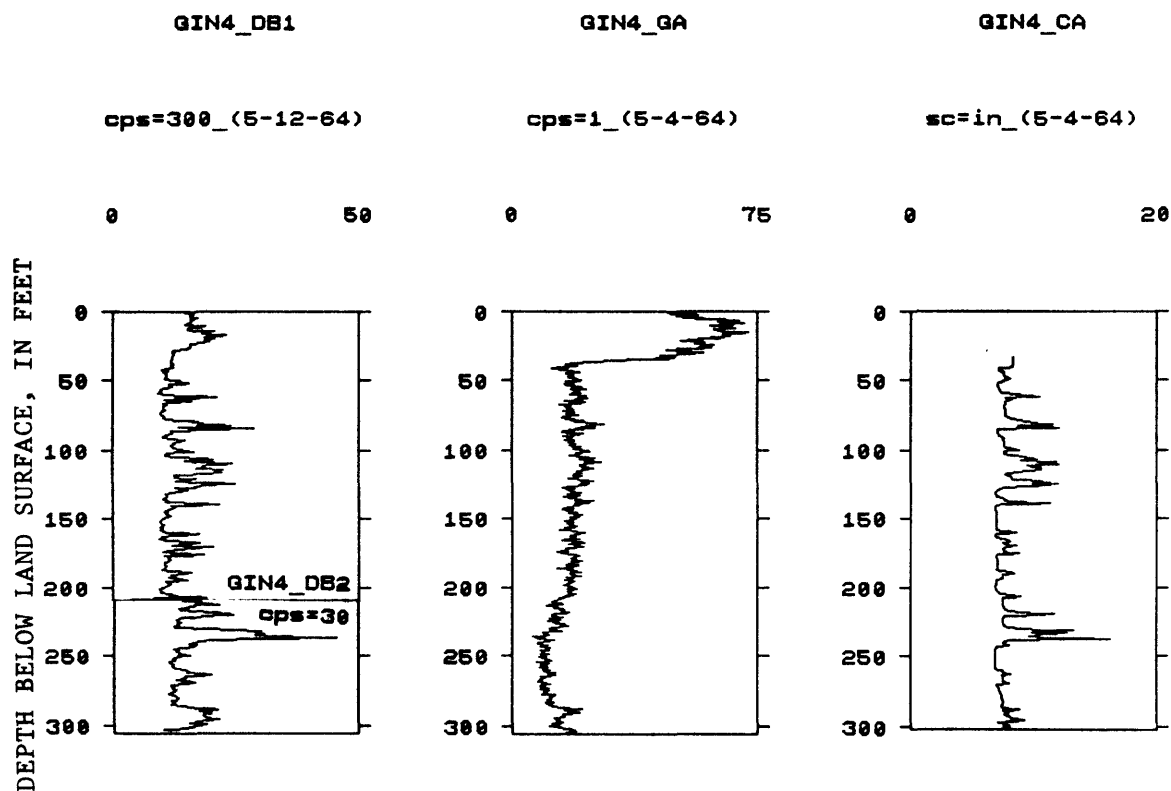
0 75

0 25

0 30



Well identifier:	Gin-4	Altitude:	4787 ft
Well location:	06N-32E-22ccb3	Depth of well:	306 ft
Latitude and longitude:	434949 1124136	Depth of hole:	306 ft
Site identifier:	434949112413601	Total depth logged:	306 ft
County:	Jefferson		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Density log shown was digitized at 2 different scales--cps=300,30. Line break indicates base of upper logged interval. No caliper log from 0 to 25 feet below land surface.		



Well identifier:	Gin-5	Altitude:	4787 ft
Well location:	06N-32E-22cbc1	Depth of well:	430 ft
Latitude and longitude:	434953 1124133	Depth of hole:	430 ft
Site identifier:	434953112413301	Total depth logged:	433 ft
County:	Jefferson		

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.

GIN5\_DB

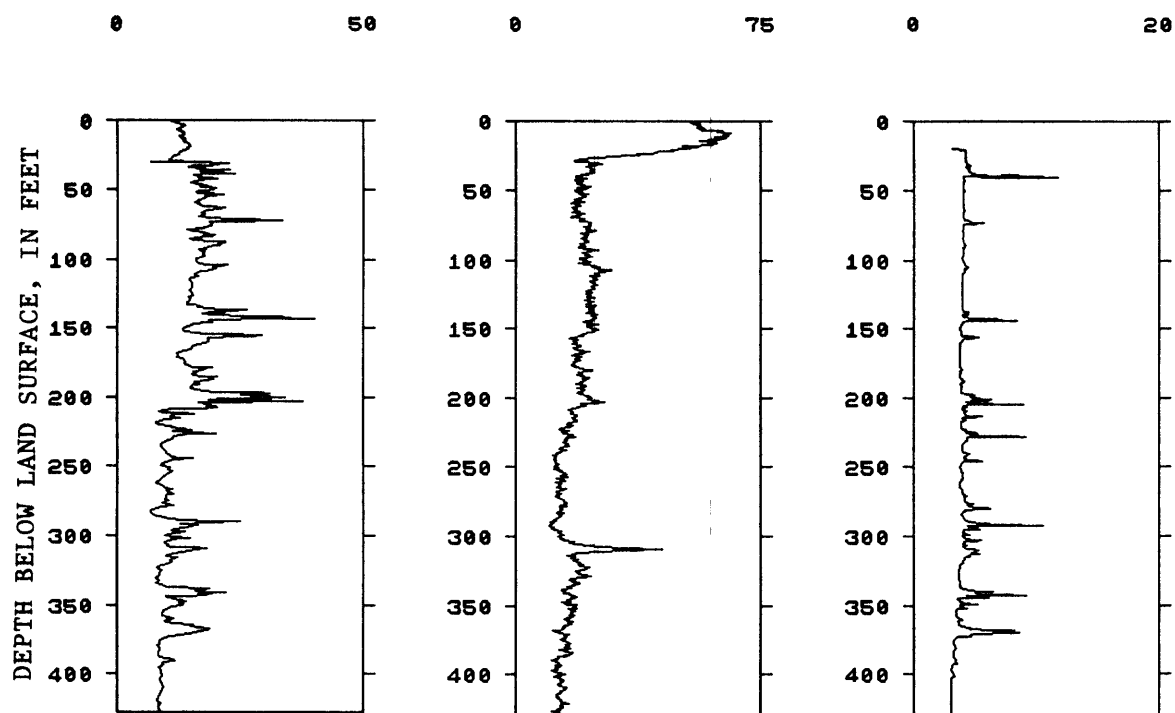
GIN5\_GB

GIN5\_CB

cps=300\_(5-12-64)

cps=1\_(5-13-64)

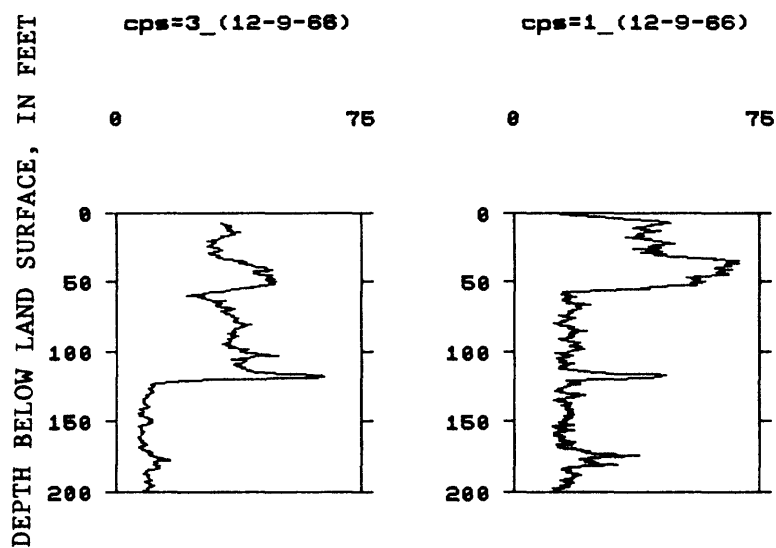
sc=in\_(5-13-64)



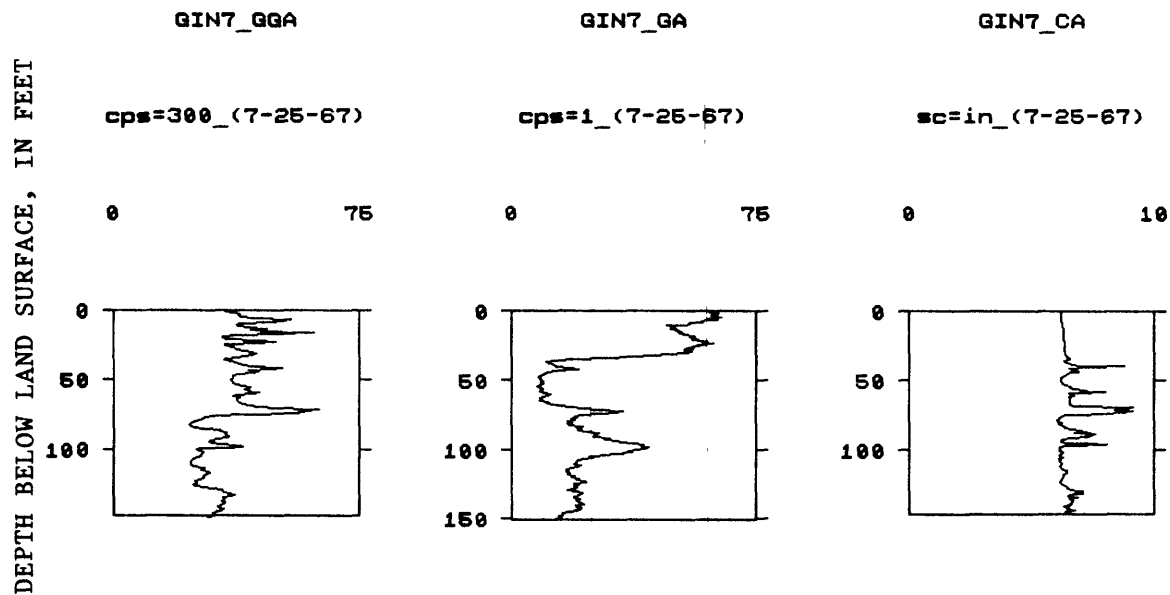
Well identifier:	Gin-6	Altitude:	4778 ft
Well location:	06N-31E-14bbd1	Depth of well:	--
Latitude and longitude:	435110 1124348	Depth of hole:	--
Site identifier:	--	Total depth logged:	201 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		

# GIN6\_GGA

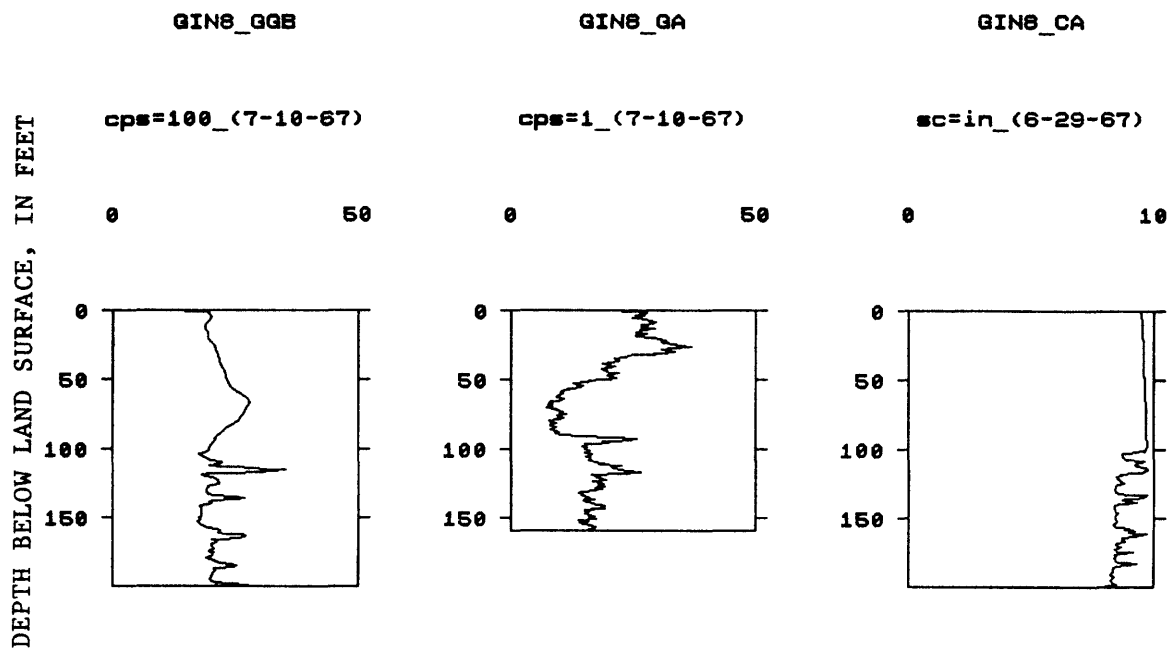
# GIN6\_GA



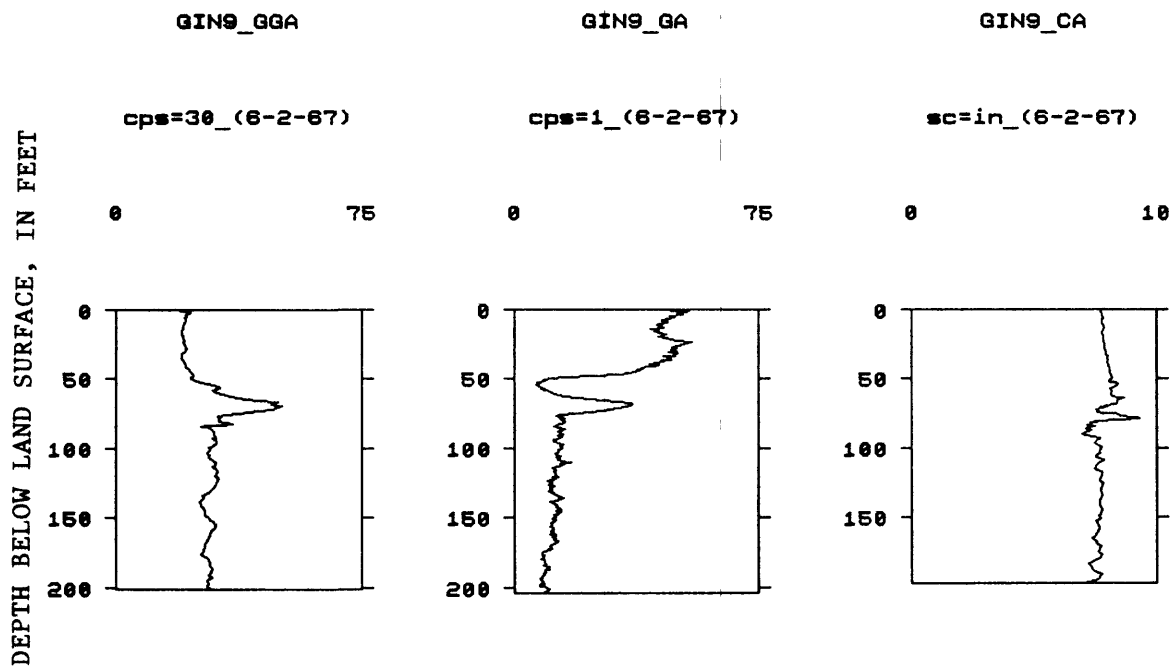
Well identifier:	Gin-7	Altitude:	4779 ft
Well location:	06N-31E-14bbb1	Depth of well:	--
Latitude and longitude:	435114 1124357	Depth of hole:	--
Site identifier:	--	Total depth logged:	151 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		



Well identifier:	Gin-8	Altitude:	4779 ft
Well location:	06N-31E-15aac1	Depth of well:	--
Latitude and longitude:	435110 1124413	Depth of hole:	--
Site identifier:	--	Total depth logged:	203 ft
County:	Butte		
Remarks:	Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		

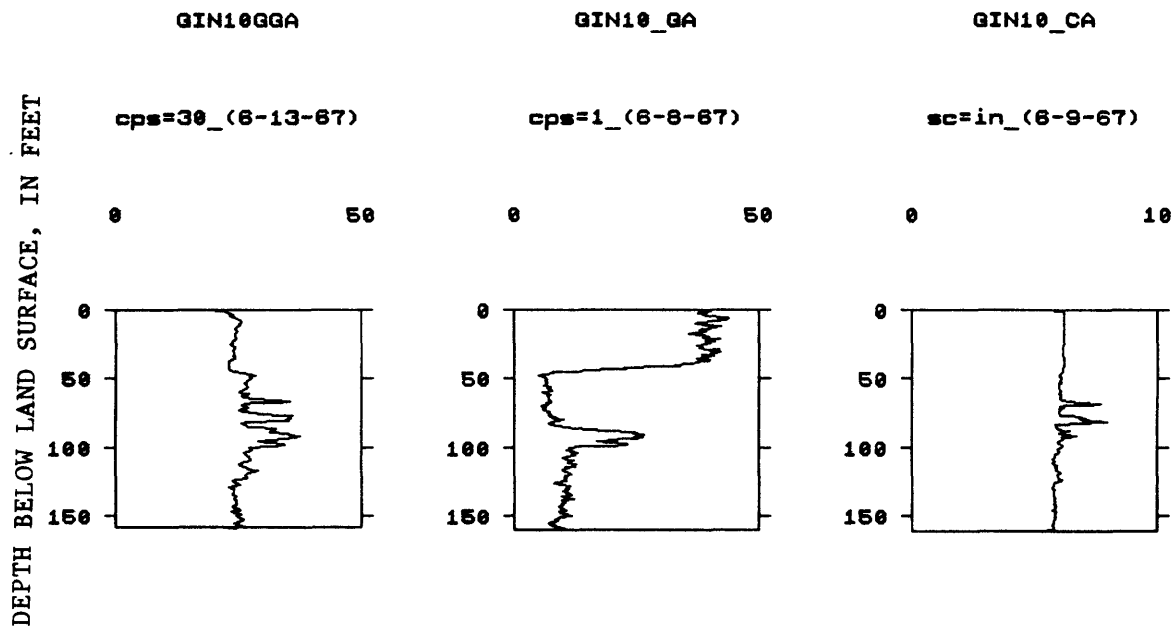


Well identifier:	Gin-9	Altitude:	4776 ft
Well location:	06N-31E-14bcd1	Depth of well:	--
Latitude and longitude:	435101 1124348	Depth of hole:	--
Site identifier:	--	Total depth logged:	204 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		

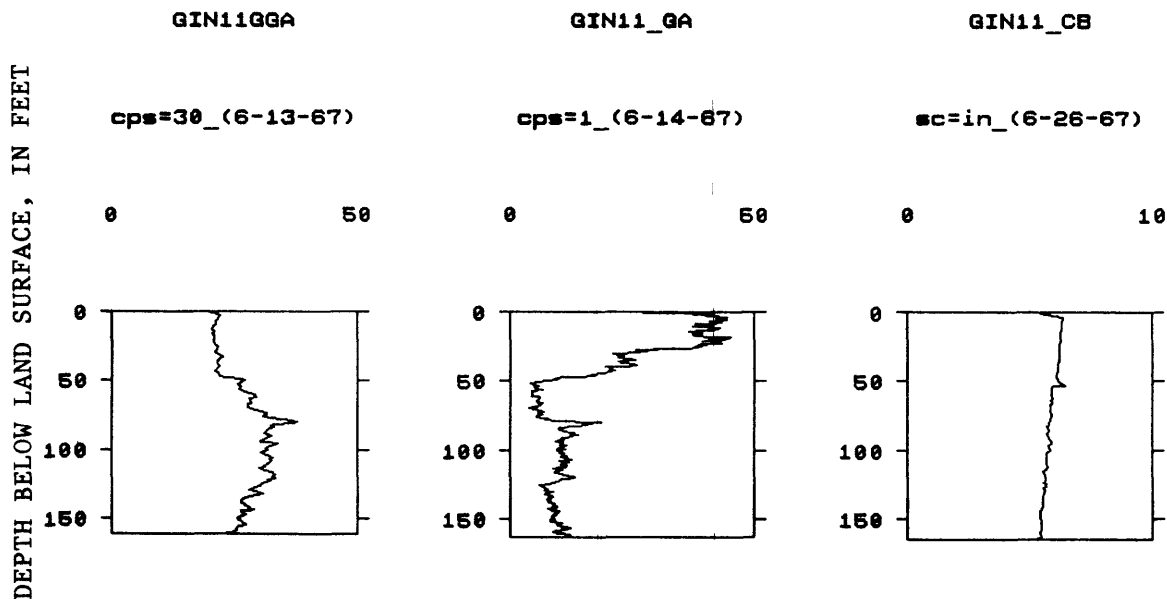




Well identifier:	Gin-10	Altitude:	4777 ft
Well location:	06N-31E-15add1	Depth of well:	--
Latitude and longitude:	435102 1124410	Depth of hole:	--
Site identifier:	--	Total depth logged:	161 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		

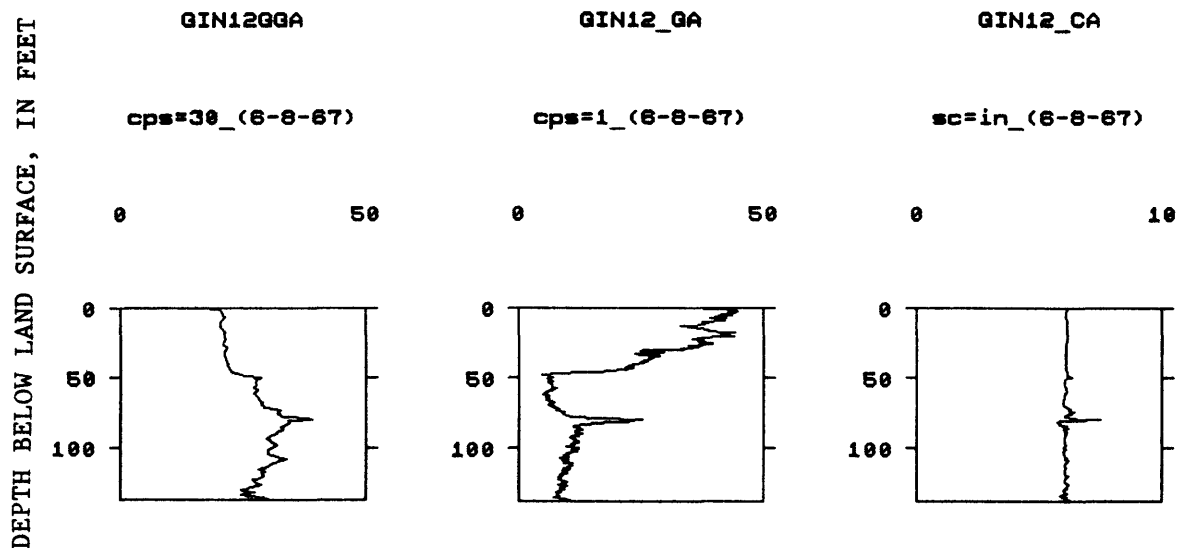


Well identifier:	Gin-11	Altitude:	4791 ft
Well location:	06N-31E-15aabl	Depth of well:	--
Latitude and longitude:	435117 1124415	Depth of hole:	--
Site identifier:	--	Total depth logged:	163 ft
County:	Butte		
Remarks:	Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		



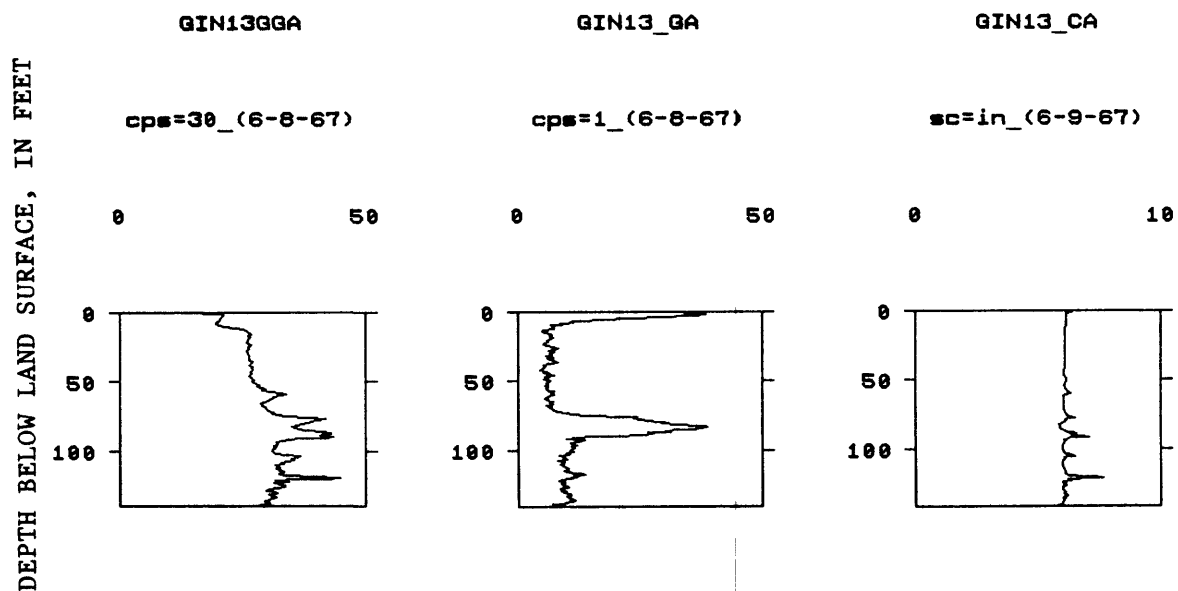
Well identifier: GIN-12                      Altitude: 4779 ft  
 Well location: 06N-31E-15acal              Depth of well: --  
 Latitude and longitude: 435107 1124425      Depth of hole: --  
 Site identifier: --                      Total depth logged: 140 ft  
 County: Butte

Remarks: Additional undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 5.  
 Digitized and processed logs are on disk 6.



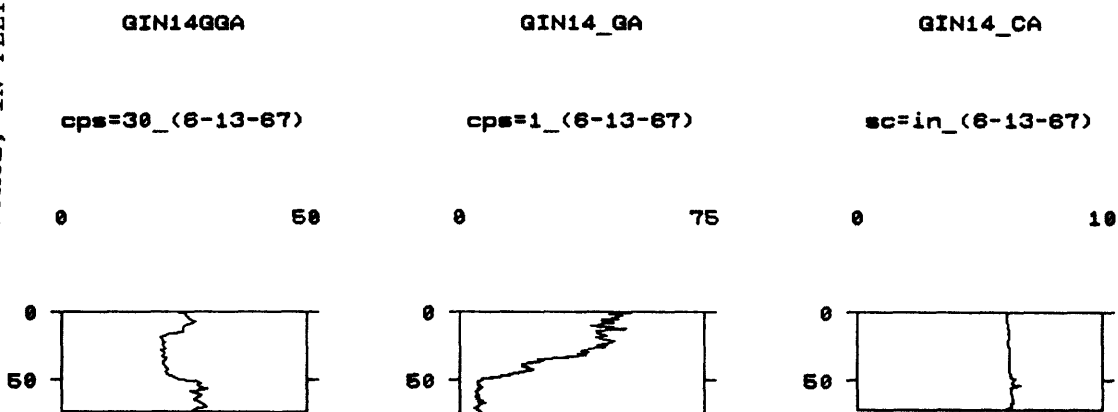
Well identifier: Gin-13                      Altitude: 4784 ft  
 Well location: 06N-31E-15aaa1              Depth of well: --  
 Latitude and longitude: 435122 1124408      Depth of hole: --  
 Site identifier: --                      Total depth logged: 142 ft  
 County: Butte

Remarks: Additional undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 5.  
 Digitized and processed logs are on disk 6.



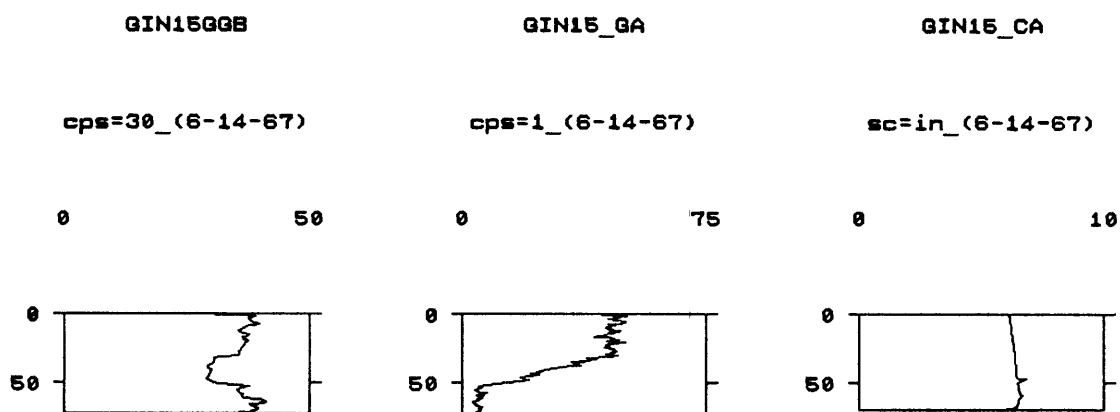
Well identifier:	Gin-14	Altitude:	4778 ft
Well location:	06N-31E-15adal	Depth of well:	--
Latitude and longitude:	435107 1124405	Depth of hole:	--
Site identifier:	--	Total depth logged:	75 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		

DEPTH BELOW LAND SURFACE, IN FEET



Well identifier: Gin-15                      Altitude: 4779 ft  
 Well location: 06N-31E-15adb1              Depth of well: --  
 Latitude and longitude: 435108 1124414      Depth of hole: --  
 Site identifier: --                              Total depth logged: 74 ft  
 County: Butte  
 Remarks: Additional digitized logs are available (see Table 1).  
           Digitized and unprocessed logs are on disk 5.  
           Digitized and processed logs are on disk 6.

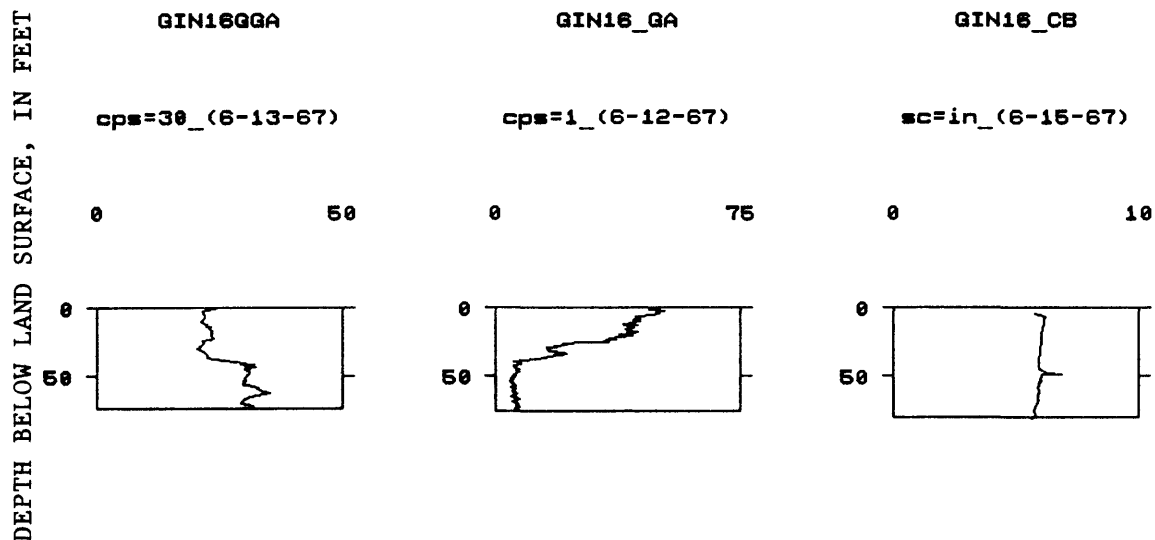
DEPTH BELOW LAND SURFACE, IN FEET



Well identifier:	Gin-16	Altitude:	4779 ft
Well location:	06N-31E-15aac2	Depth of well:	--
Latitude and longitude:	435111 1124413	Depth of hole:	--
Site identifier:	--	Total depth logged:	75 ft

County: Butte

Remarks: Additional digitized logs are available (see Table 1).  
Digitized and unprocessed logs are on disk 5.  
Digitized and processed logs are on disk 6.

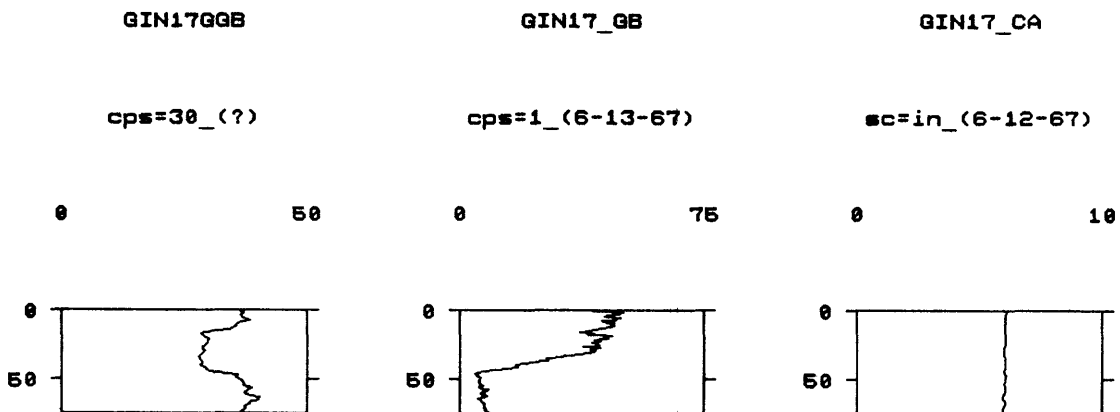


Well identifier:	Gin-17	Altitude:	4779 ft
Well location:	06N-31E-15adb2	Depth of well:	--
Latitude and longitude:	435109 1124413	Depth of hole:	--
Site identifier:	--	Total depth logged:	76 ft

County: Butte

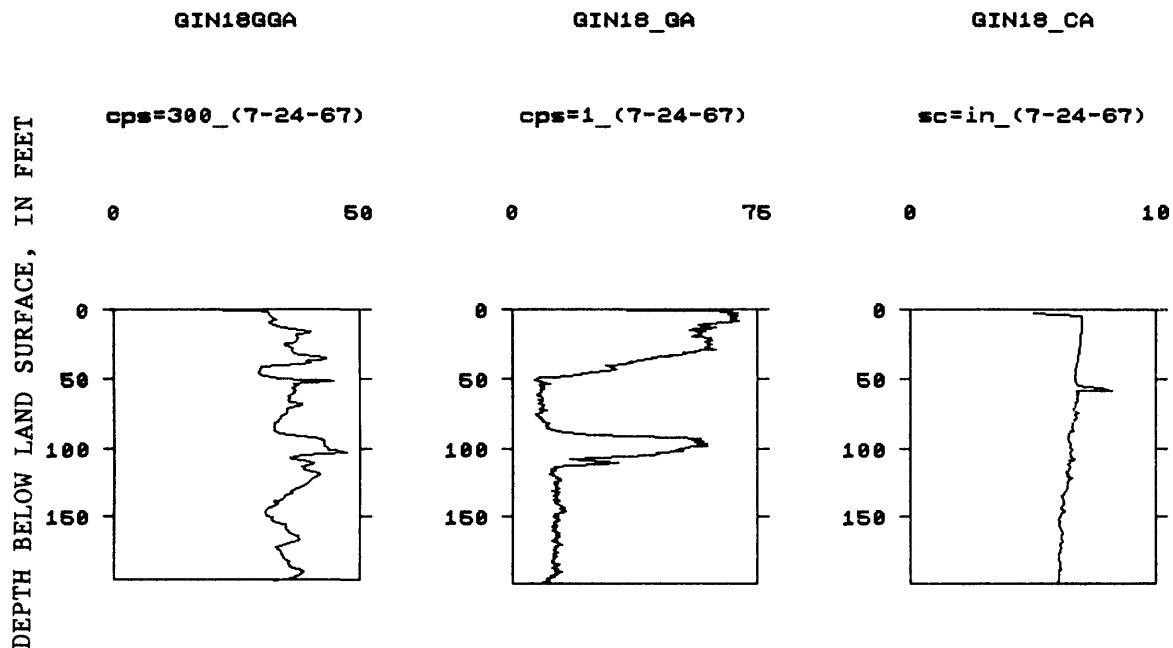
Remarks: Additional digitized logs are available (see Table 1).  
Digitized and unprocessed logs are on disk 5.  
Digitized and processed logs are on disk 6.

DEPTH BELOW LAND SURFACE, IN FEET

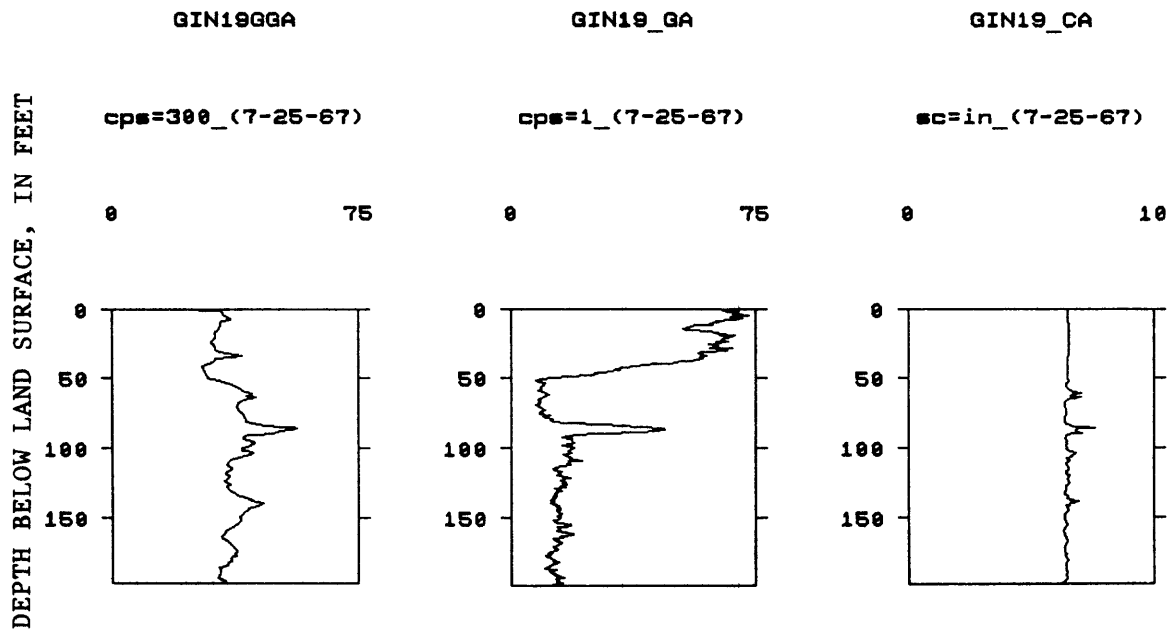




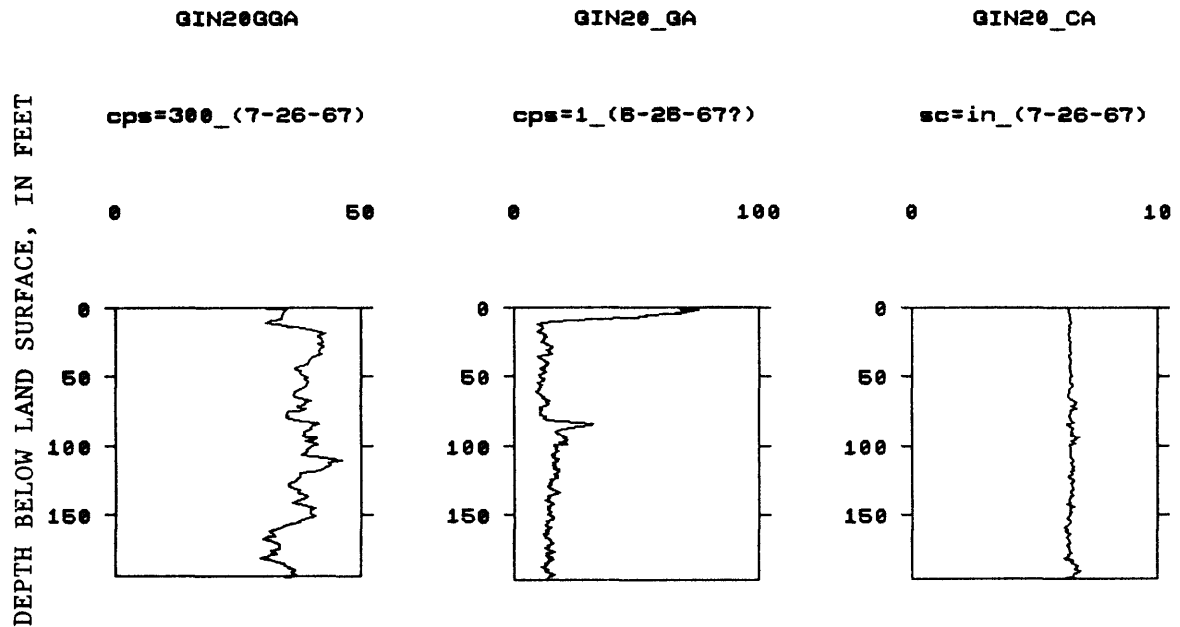
Well identifier:	Gin-18	Altitude:	4778 ft
Well location:	06N-31E-15ada2	Depth of well:	--
Latitude and longitude:	435107 1124404	Depth of hole:	--
Site identifier:	--	Total depth logged:	198 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		



Well identifier:	Gin-19	Altitude:	4779 ft
Well location:	06N-31E-15adb3	Depth of well:	--
Latitude and longitude:	435108 1124415	Depth of hole:	--
Site identifier:	--	Total depth logged:	199 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		



Well identifier:	Gin-20	Altitude:	4791 ft
Well location:	06N-31E-15aaa2	Depth of well:	--
Latitude and longitude:	435116 1124410	Depth of hole:	--
Site identifier:	--	Total depth logged:	198 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		



Well identifier:	Highway-1	Altitude:	5090 ft
Well location:	02N-35E-02bbc3	Depth of well:	1147 ft
Latitude and longitude:	433218 1121916	Depth of hole:	1302 ft
Site identifier:	433218112191603	Total depth logged:	1280 ft
County:	Bonneville		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 9. Piezometer A well. Caliper log shown is a combination of 2 digitized logs. Line break separates HWY1\_CB and HWY1\_CC. Digitized logs continued on the next page.

HWY1\_GGA

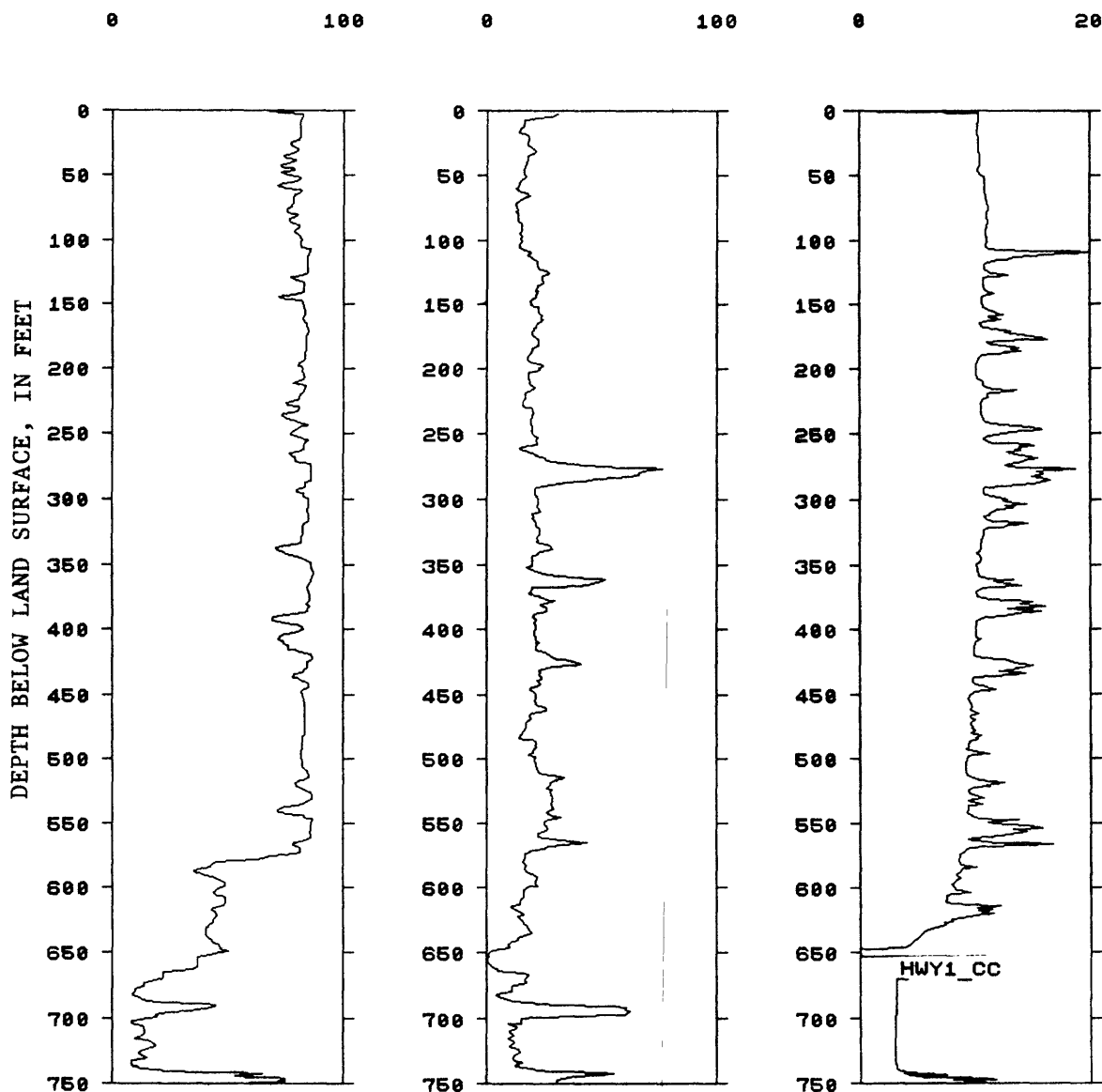
HWY1\_GD

HWY1\_CB

sc=ft/in\_(7-15-69)

sc=ft/in\_(7-15-69)

sc=in\_(6-11-69)



HWY1\_GGA--Continued

HWY1\_GD--Continued

HWY1\_CC--Continued

sc=ft/in\_(7-15-69)

sc=ft/in\_(7-15-69)

sc=in\_(7-15-61)

0

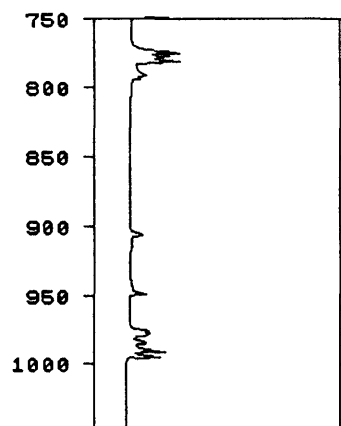
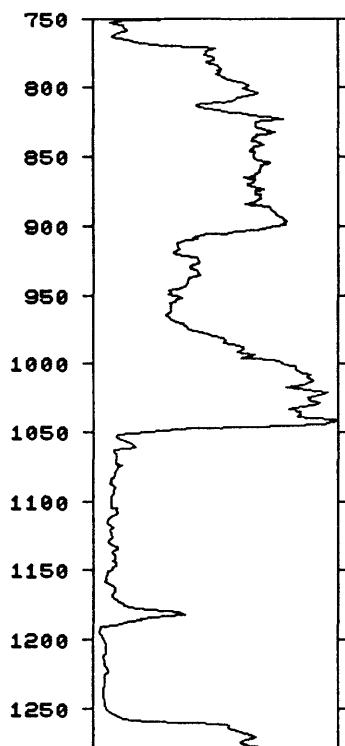
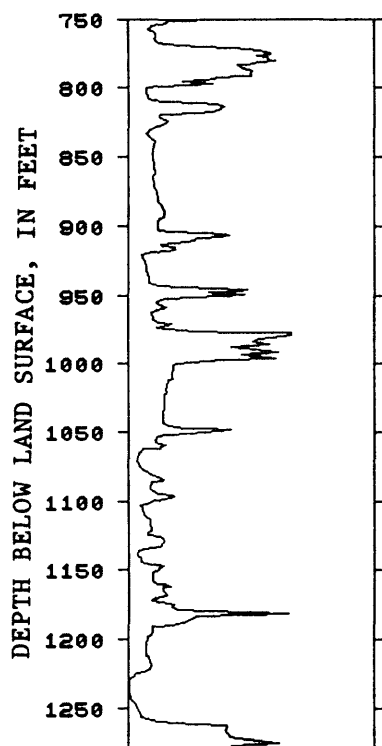
100

0

100

0

20



Well identifier:	Highway-2	Altitude:	5217 ft
Well location:	03N-34E-32bbc1	Depth of well:	786 ft
Latitude and longitude:	433309 1123000	Depth of hole:	786 ft
Site identifier:	433309112300001	Total depth logged:	788 ft
County:	Bonneville		

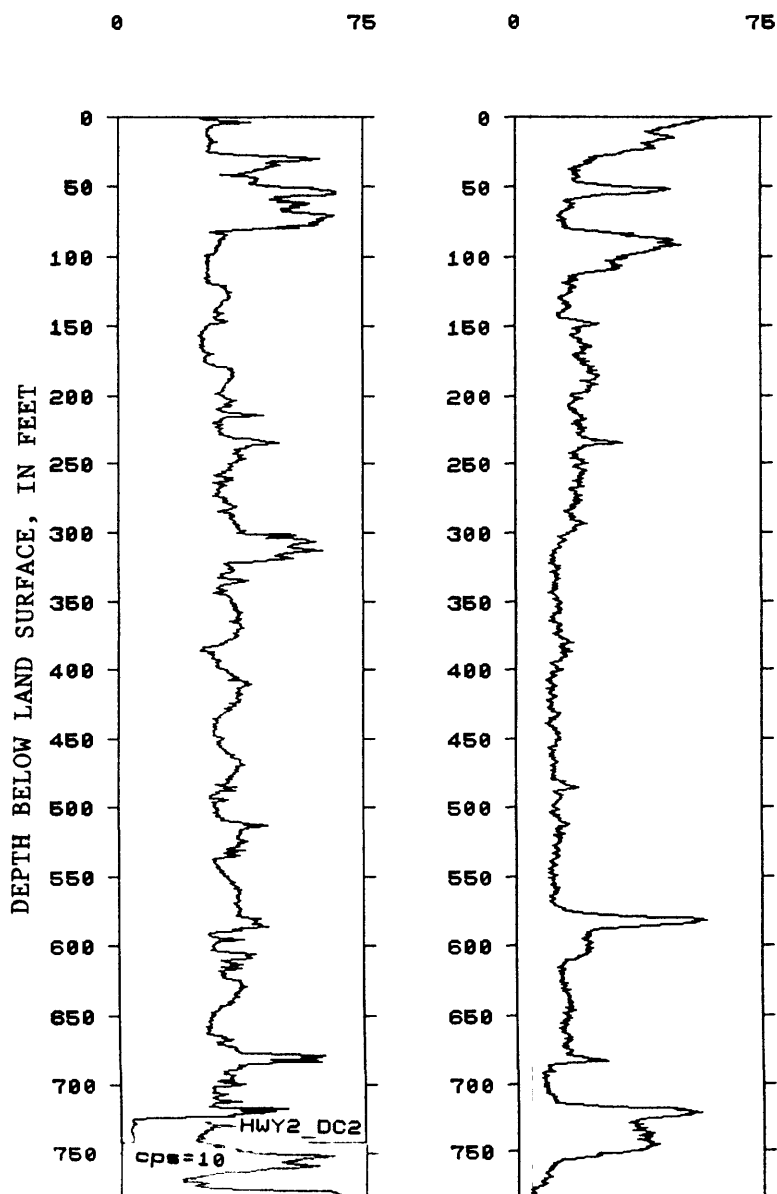
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 7, 10. Digitized and processed logs are on disks 9, 12. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.

HWY2\_DC

HWY2\_GC

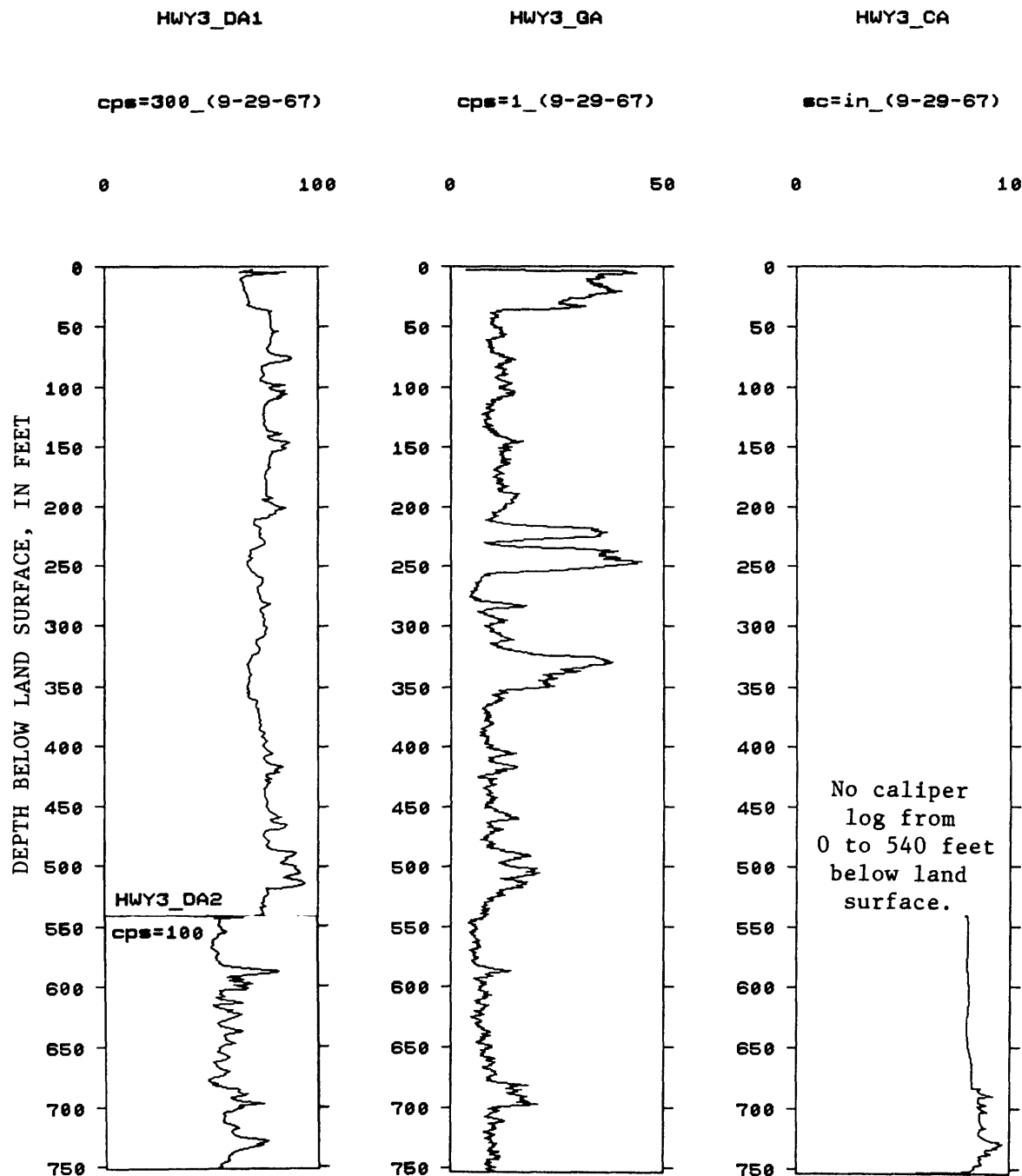
cps=100\_(6-15-64)

cps=1\_(6-15-64)



Well identifier: Highway-3                      Altitude: 4981 ft  
 Well location: 03N-29E-33bad1              Depth of well: 750 ft  
 Latitude and longitude: 433257 1130024      Depth of hole: 750 ft  
 Site identifier: 433256113002501          Total depth logged: 754 ft  
 County: Butte

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 9. Density log shown was digitized at 2 different scales-- cps=300,100. Line break indicates base of upper logged interval.

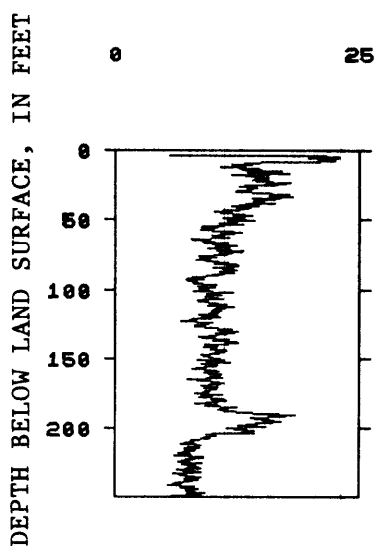


Well identifier:	IET-Disp.	Altitude:	4790 ft
Well location:	06N-31E-12acd1	Depth of well:	324 ft
Latitude and longitude:	435152 1124205	Depth of hole:	329 ft
Site identifier:	435153112420501	Total depth logged:	250 ft
County:	Butte		

Remarks: Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 6. Also called ANP-4.

# IETO\_GA

cr=100\_(2-14-80)





Well identifier:	INEL-1	Altitude:	4873 ft
Well location:	03N-29E-01abb1	Depth of well:	10333 ft
Latitude and longitude:	433717 1125635	Depth of hole:	10365 ft
Site identifier:	433717112563501	Total depth logged:	10240 ft
County:	Butte		

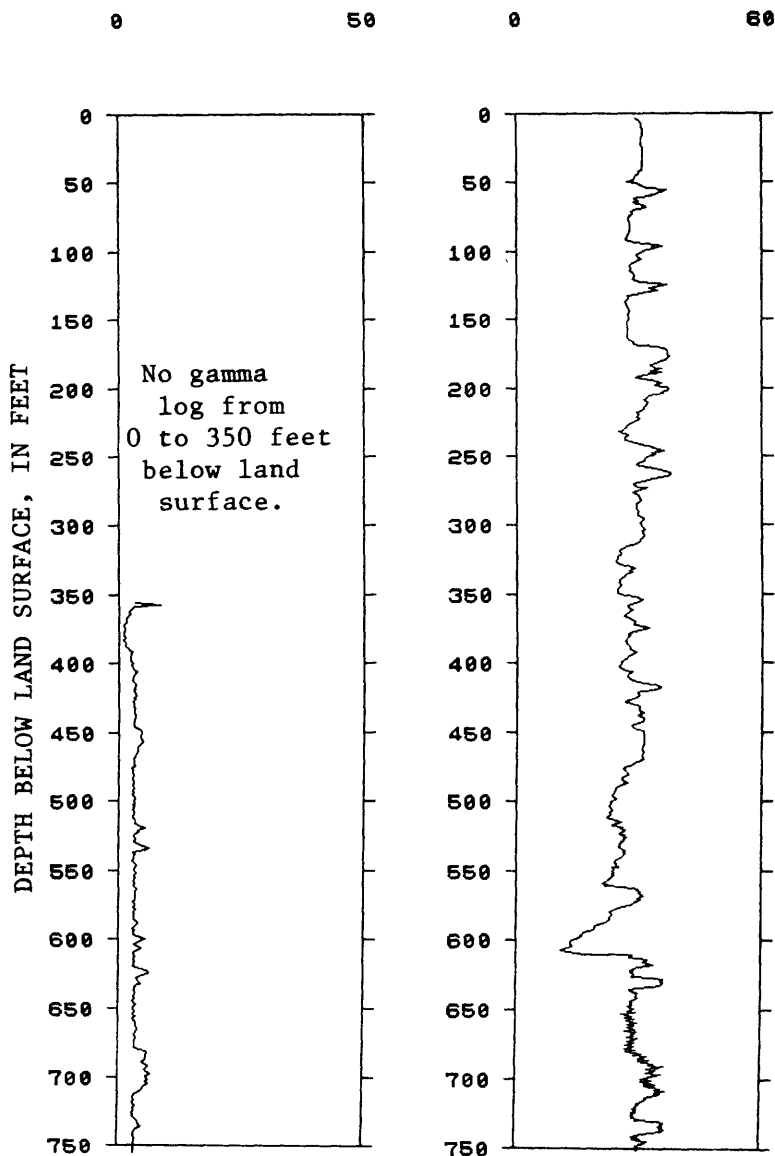
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 10. Digitized and processed logs are on disk 12. Gamma log shown is a combination of 2 digitized logs. Line breaks separate INEL1GA and INEL1GB1-4. Caliper log shown is a combination of 3 digitized logs. Line breaks separate INEL1CA, INEL1CB, and INEL1CC.

INEL1GA

INEL1CA

api=150\_(3-3-79)

sc=in\_(3-3-79)

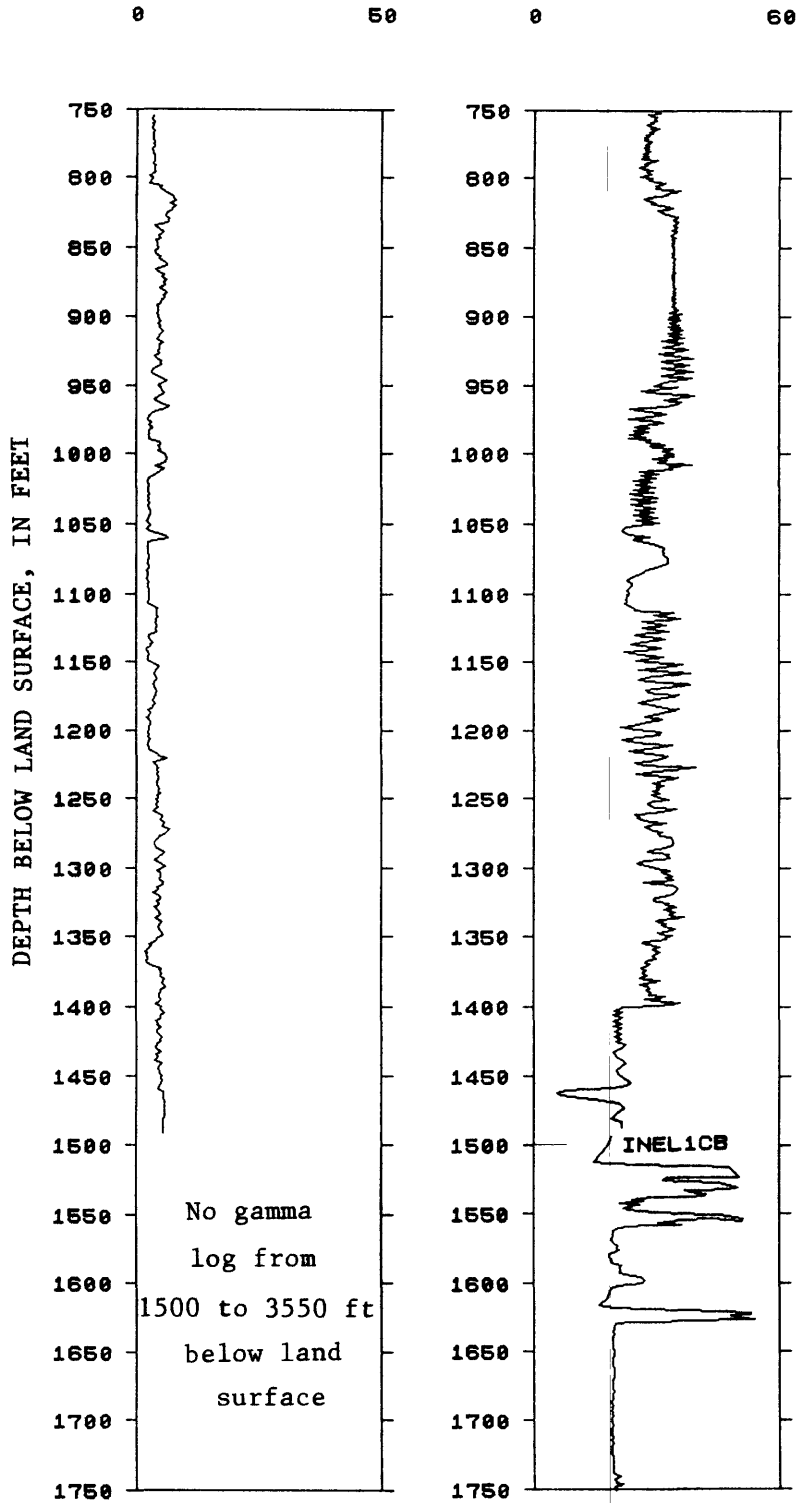


INEL1GA--Continued

INEL1CA--Continued

api=150\_(3-3-79)

sc=in\_(3-3-79)

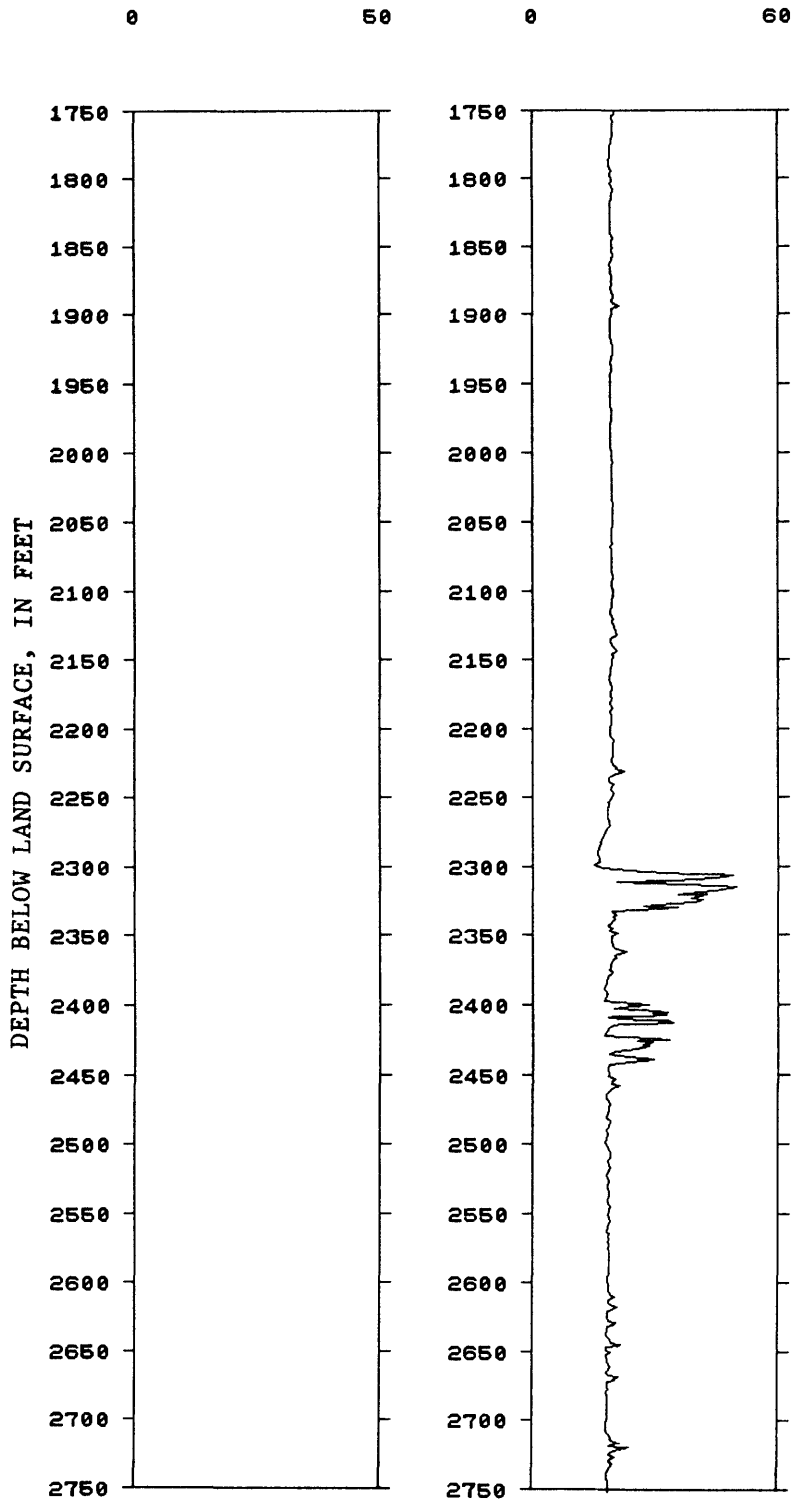


INEL1GB1--Continued

INEL1CB--Continued

api=150\_(5-18-79)

sc=in\_(3-27-79)

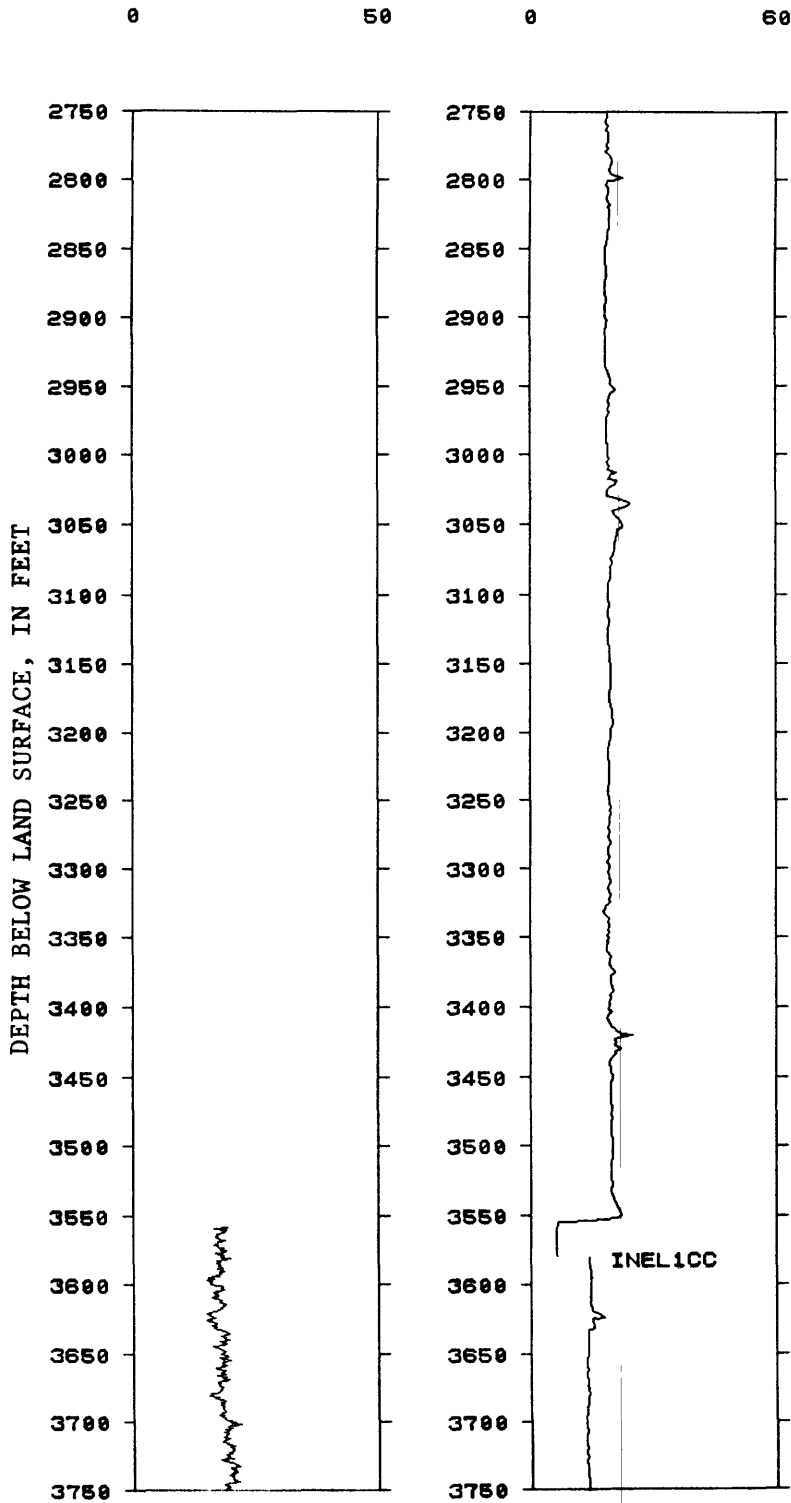


INEL1GB1--Continued

INEL1CB--Continued

api=150\_(5-18-79)

sc=in\_(3-27-79)

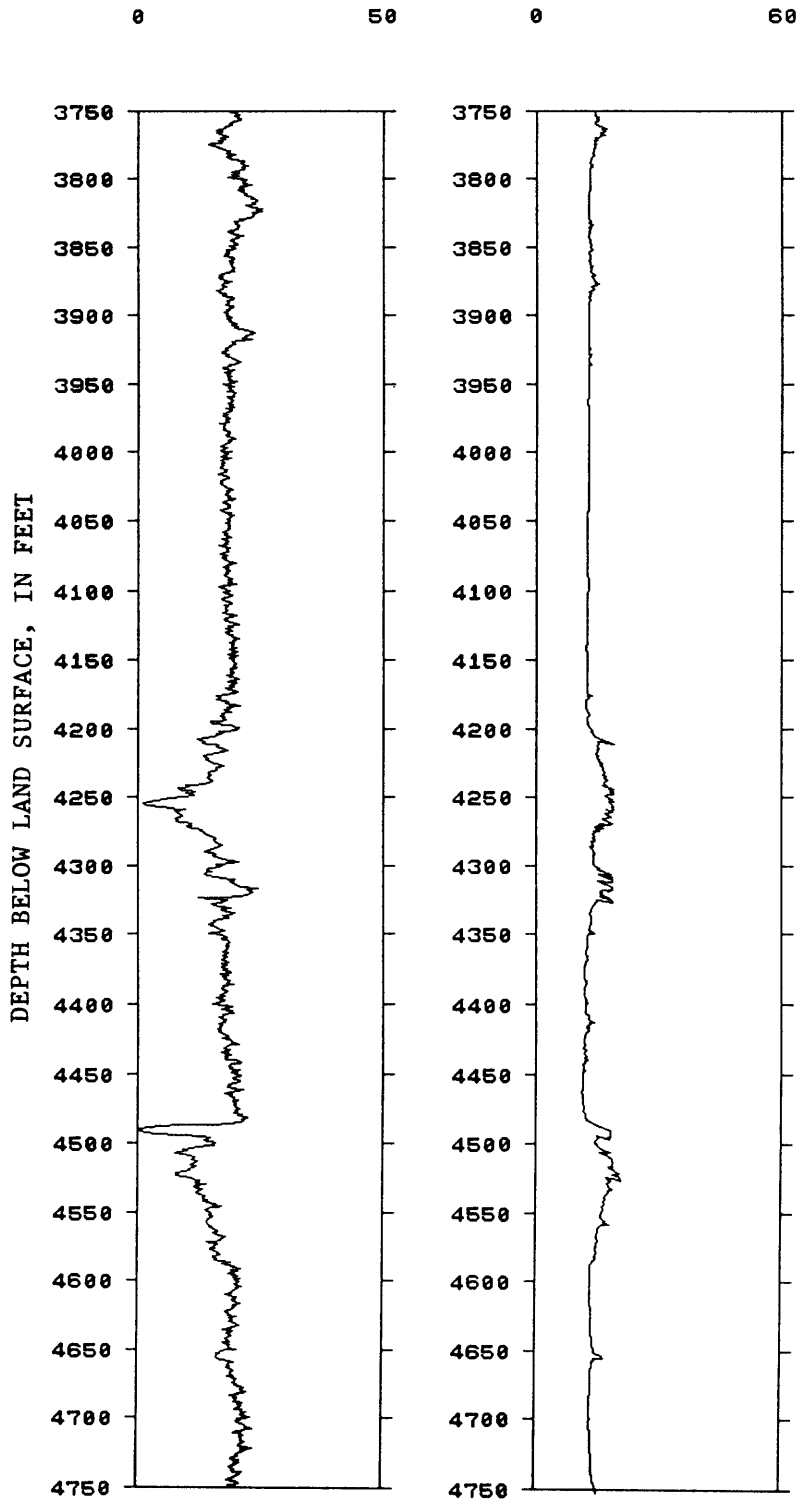


INEL1GB1--Continued

INEL1CC--Continued

api=150\_(5-18-79)

sc=in\_(4-23-79)

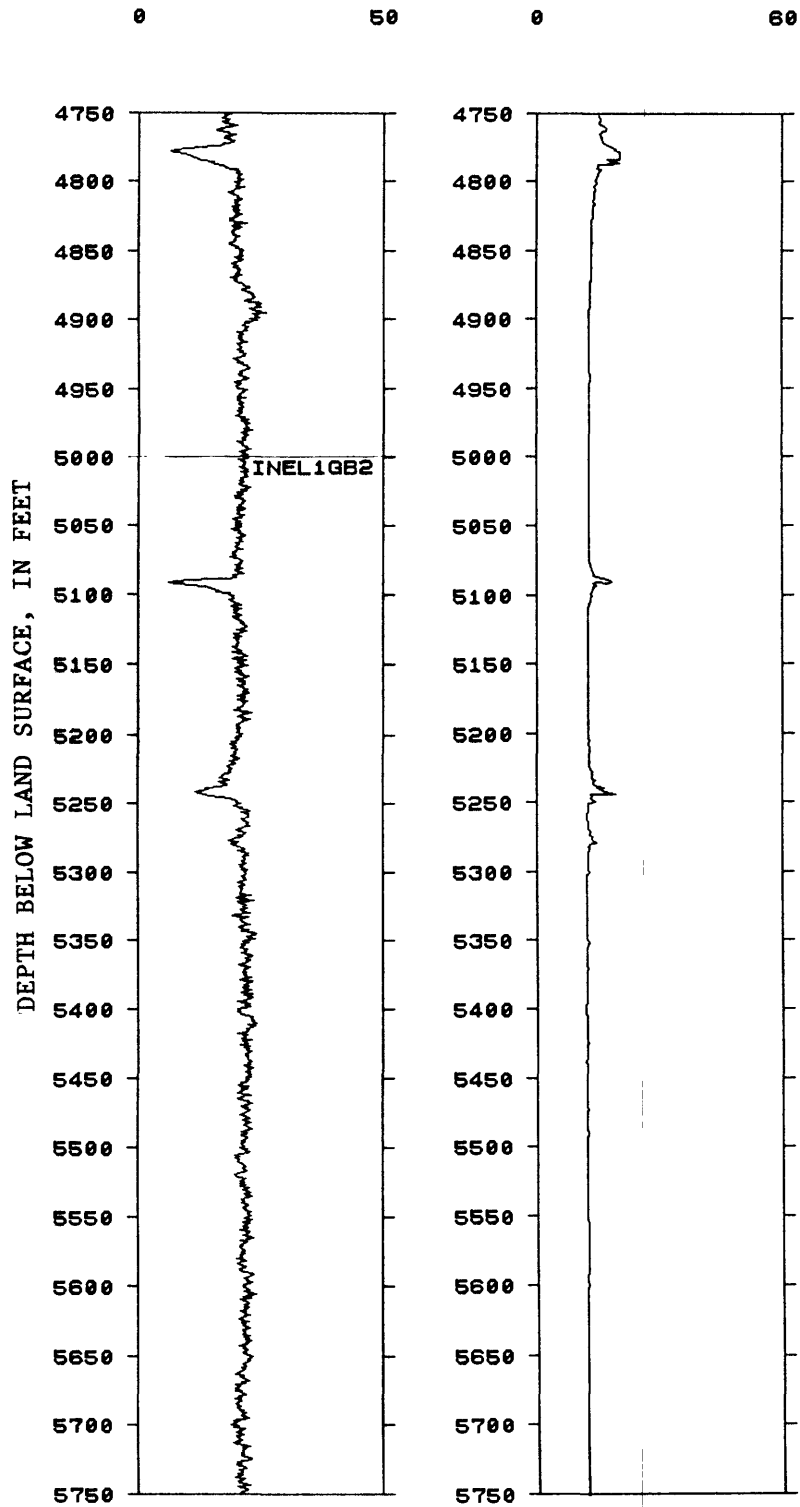


INEL1GB1--Continued

INEL1CC--Continued

api=150\_(5-18-79)

sc=in\_(4-23-79)



INEL1GB2--Continued

INEL1CC--Continued

api=150\_(5-18-79)

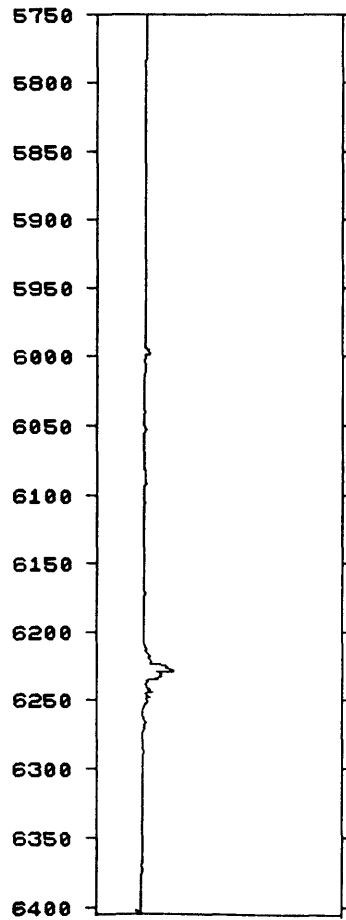
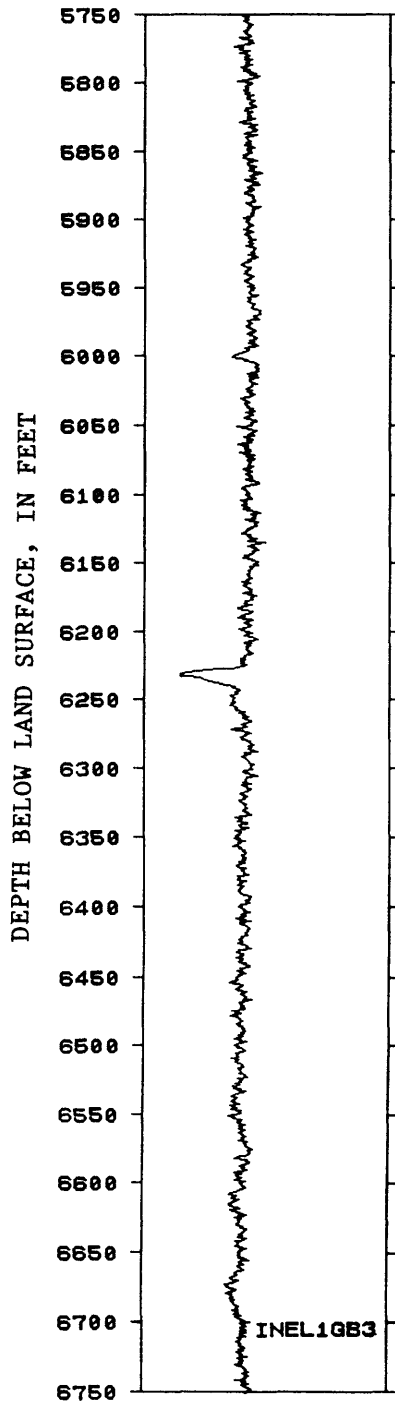
sc=in\_(4-23-79)

0

50

0

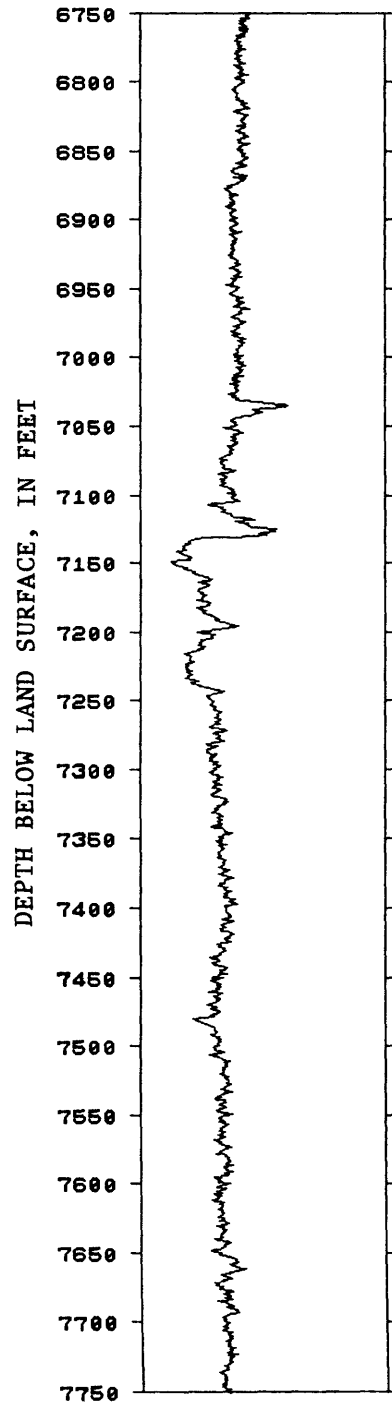
60



INEL1GB3--Continued

api=150\_(6-18-79)

0 50



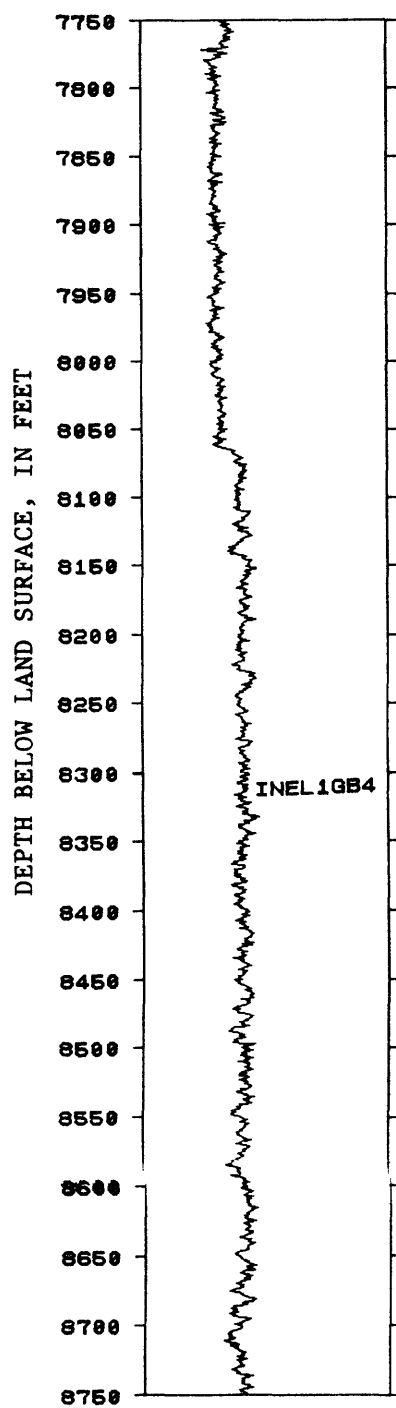


INEL1GB3--Continued

api=150\_(5-18-79)

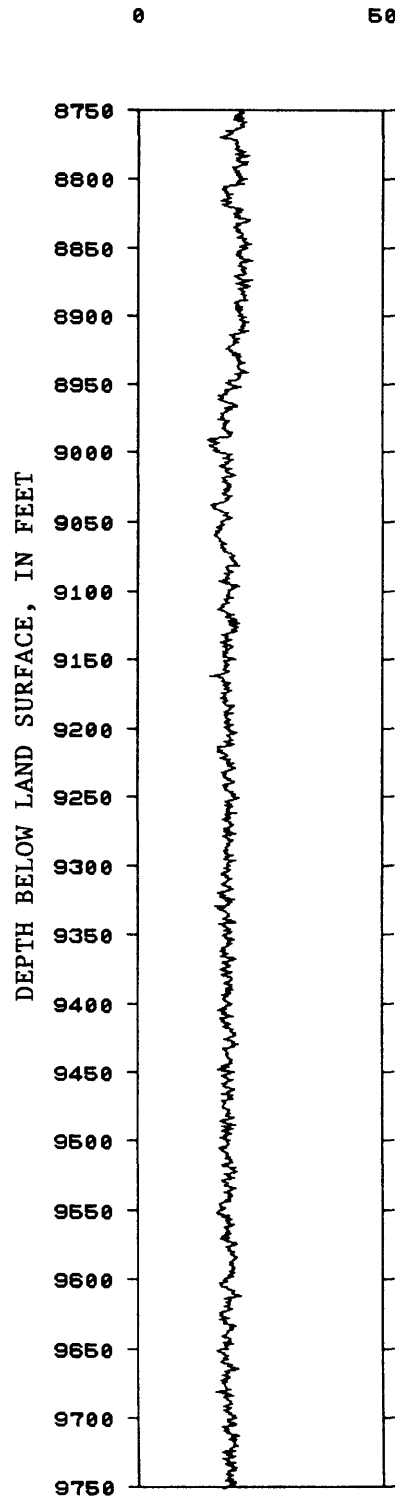
0

50



INEL1GB4--Continued

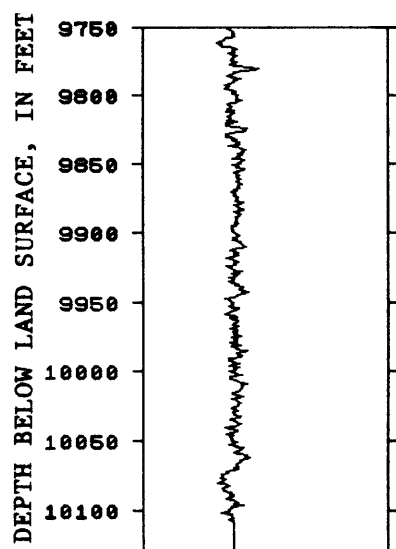
api=150\_(5-18-79)



INEL1GB4--Continued

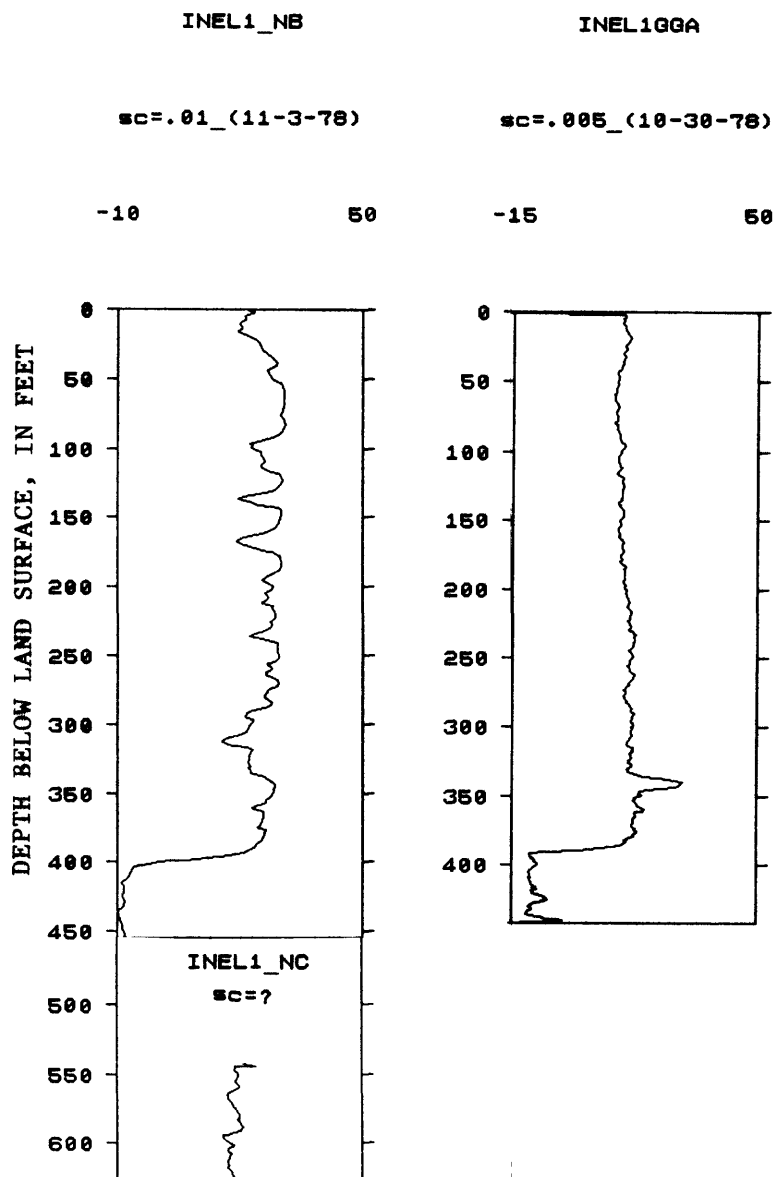
api=150\_(5-18-79)

0 50



Well identifier:	WS-INEL-1	Altitude:	4878 ft
Well location:	03N-29E-01abc1	Depth of well:	595 ft
Latitude and longitude:	433716 1125636	Depth of hole:	710 ft
Site identifier:	433716112563601	Total depth logged:	698 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Water supply well for INEL-1. Neutron log shown is a combination of 2 digitized logs. Line break separates INEL1\_NB and INEL1\_NC.



INEL1\_GC

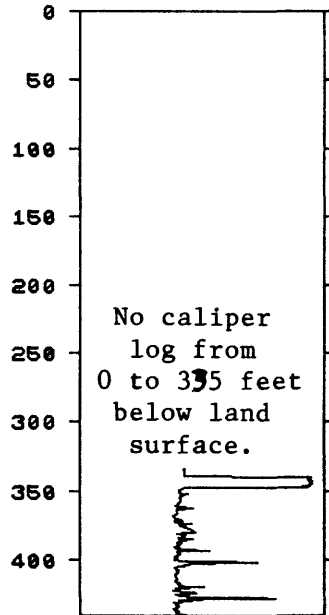
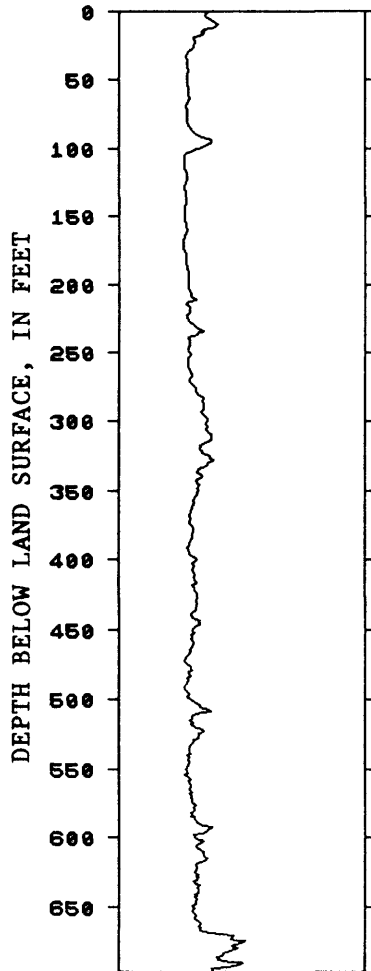
INEL1\_CA

sc=.0025\_(11-30-78)

sc=in\_(10-30-78)

0 50

0 20



Well identifier: Leo Rogers Well      Altitude: 5039 ft  
 Well location: 01N-31E-08cdd1      Depth of well: 720 ft  
 Latitude and longitude: 432533 1125049      Depth of hole: 720 ft  
 Site identifier: 432533112504901      Total depth logged: 717 ft  
 County: Bingham

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 10. Digitized and processed  
 logs are on disk 12. Gamma-gamma log shown was digitized at 2 different  
 scales--cps=300,10. Line break indicates base of upper logged interval.  
 Gamma log shown is a combination of 2 digitized logs. Line break  
 separates LRW\_GA and LRW\_GB.

LRW\_GGA

LRW\_GA

LRW\_CB

cps=300\_(11-22-66)

cps=3\_(11-22-66)

sc=in\_(12-6-66)

0

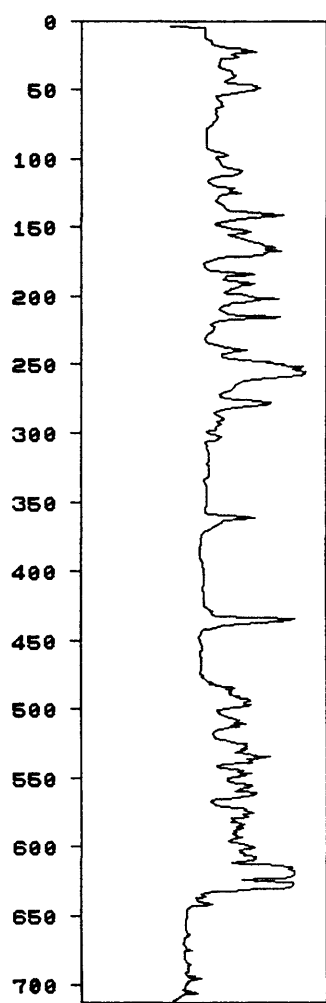
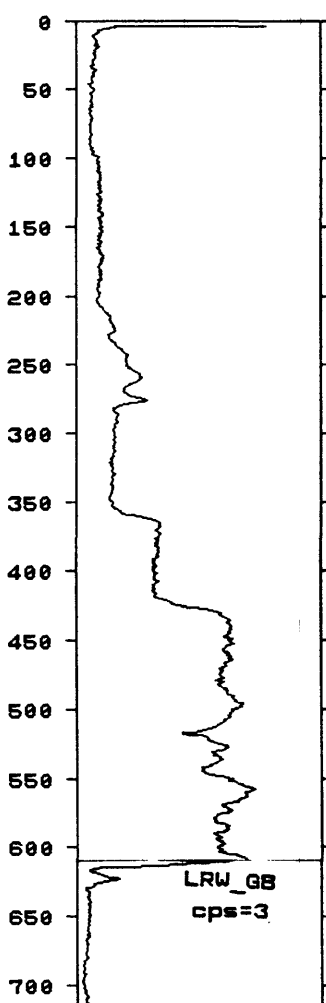
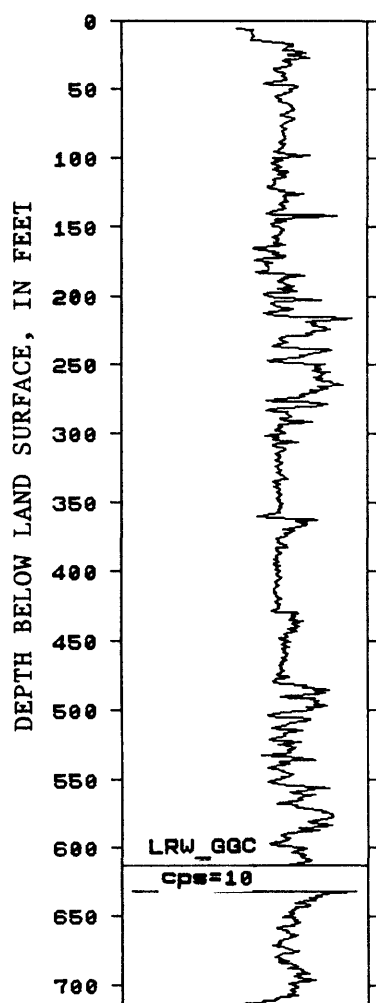
75

0

100

0

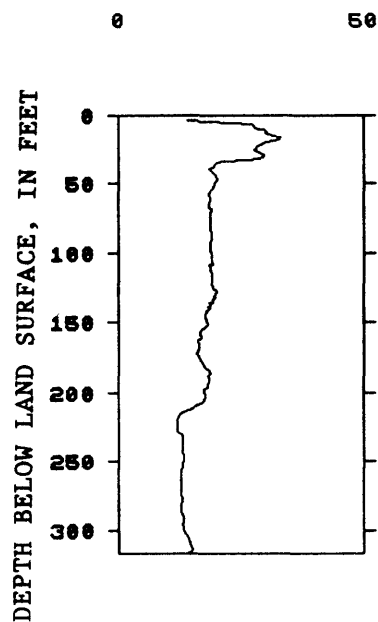
40



Well identifier:	LPTF-Disp.	Altitude:	4790 ft
Well location:	06N-32E-22cca1	Depth of well:	314 ft
Latitude and longitude:	434945 1124124	Depth of hole:	314 ft
Site identifier:	434946112412401	Total depth logged:	317 ft
County:	Jefferson		
Remarks:	Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6.		

# LPTFD\_GA

sc=.0025\_(?)



Well identifier:	M-ETR-Disp	Altitude:	4924 ft
Well location:	03N-29E-14dbd1	Depth of well:	1267 ft
Latitude and longitude:	433506 1125737	Depth of hole:	1275 ft
Site identifier:	433506112572301	Total depth logged:	1255 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 4, TRA-2u. Digitized and processed logs are on disk 4, TRA-2p. Also called TRA-Disp. Density log shown was digitized at 2 different scales--cps=100,30. Gamma log shown was digitized at 2 different scales--cps=3,1. Line breaks indicate base of upper logged intervals. Caliper log shown was digitized in 2 parts. Line break separates TRA5CTOP and TRA5CBOT. Digitized logs continued on the next page.

TRA5\_DC1

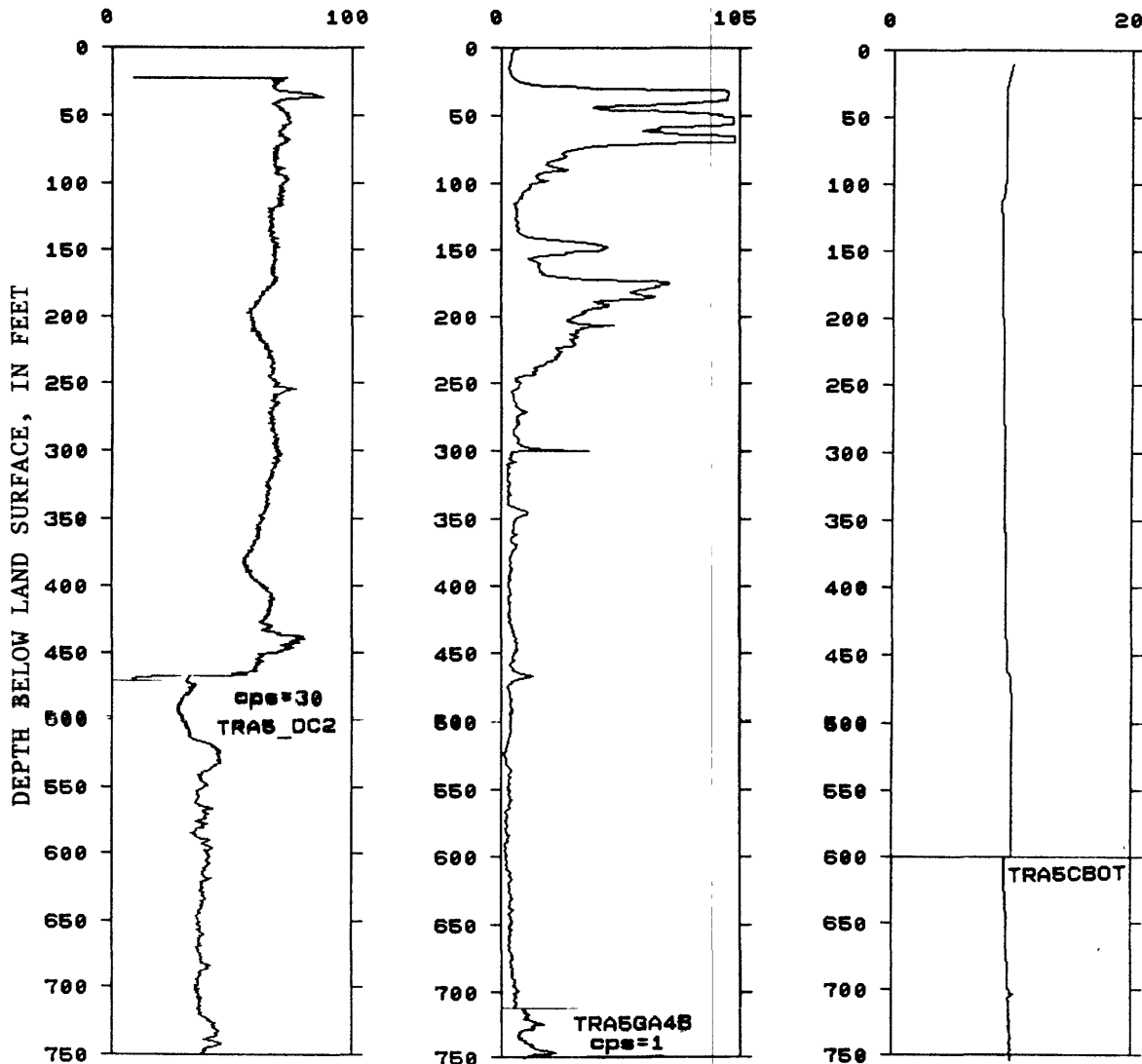
TRA5\_GB

TRA5CTOP

cps=100\_(10-24-63)

cps=3\_(9-26-62)

INCHES\_7-8-64





TRA5\_DC2--Continued

TRA5GA4B--Continued

TRA5CBOT--Continued

cps=30\_(10-24-63)

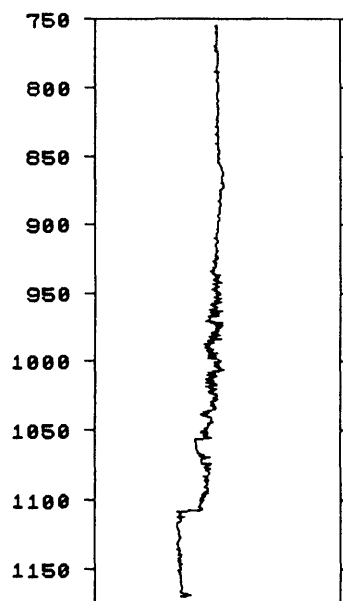
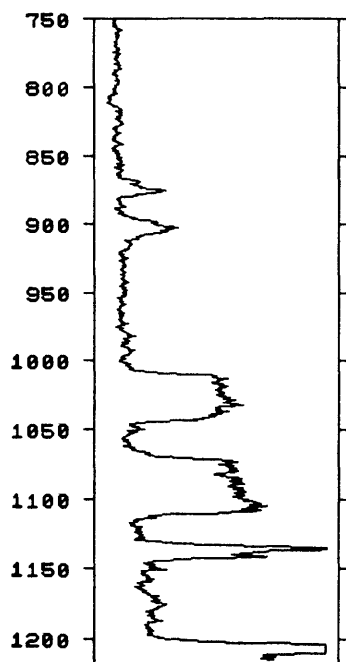
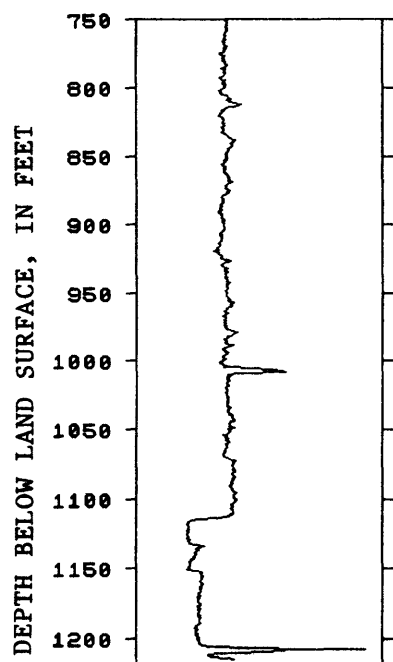
1\_CPS\_10-25-63

INCHES\_7-8-64

0 100

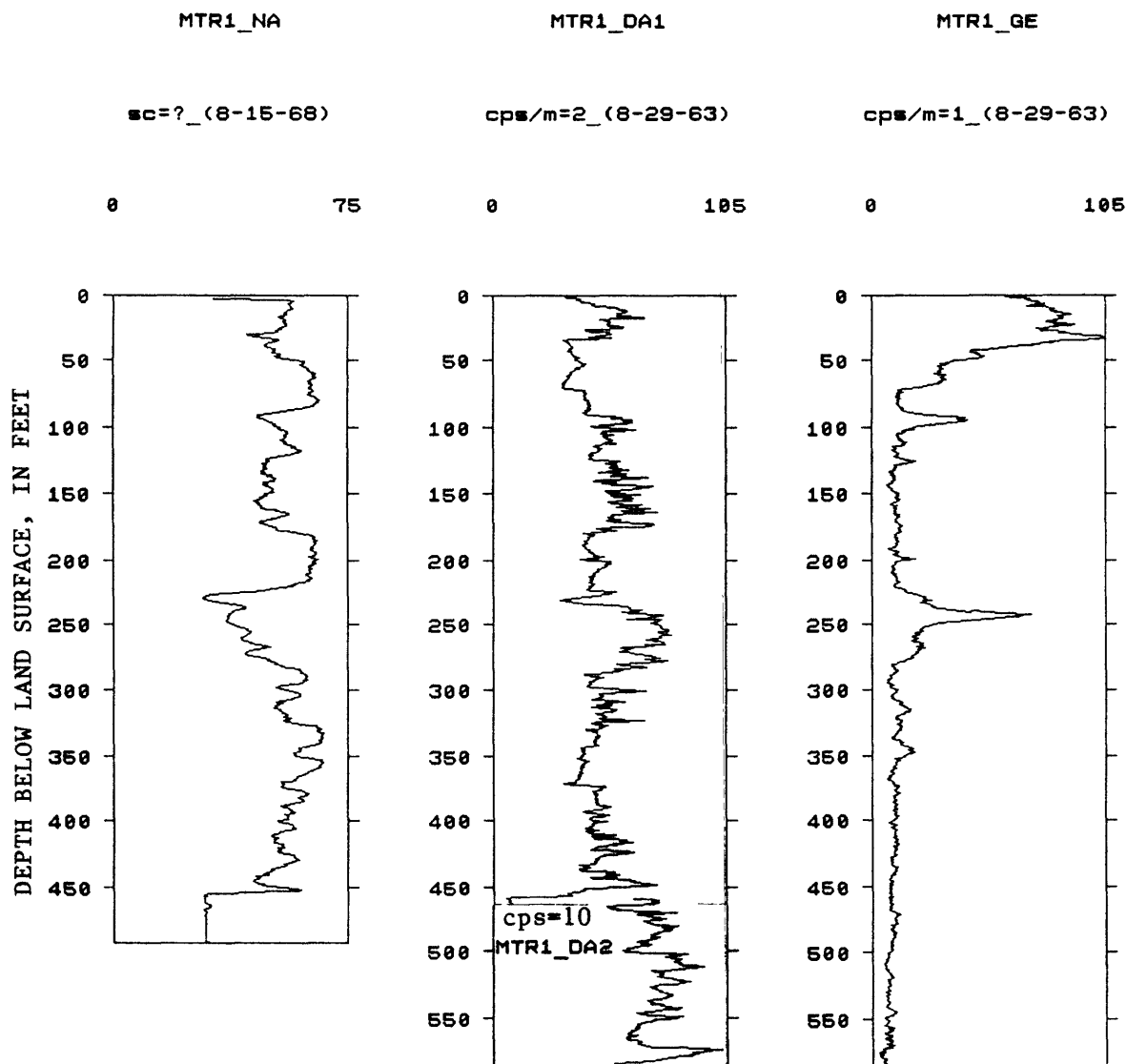
0 105

0 20



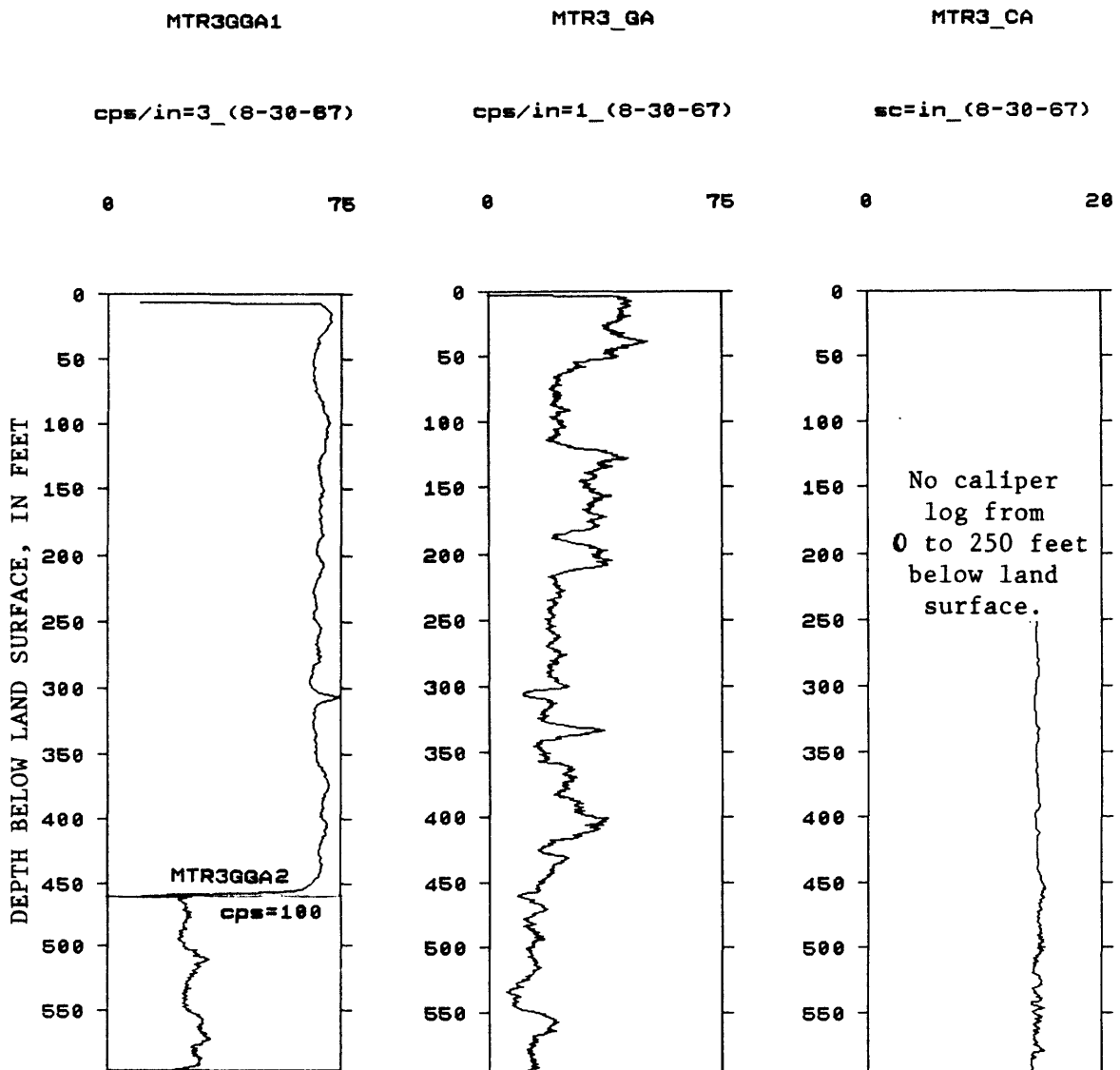
Well identifier:	MTR-Test-1	Altitude:	4918 ft
Well location:	03N-29E-14add1	Depth of well:	588 ft
Latitude and longitude:	433520 1125726	Depth of hole:	588 ft
Site identifier:	433520112572601	Total depth logged:	589 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk TRA-2u. Digitized and processed logs are on disk TRA-2p. Density log shown was digitized at 2 different scales--cps=2,10. Line break indicates base of upper logged interval.

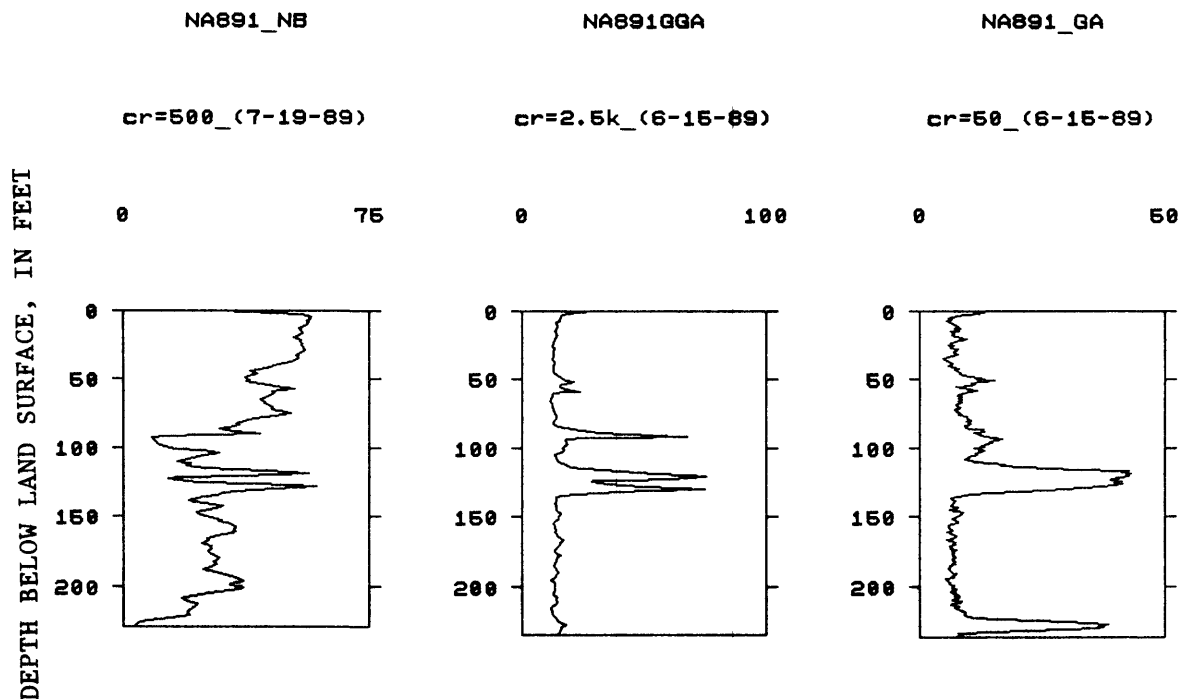


Well identifier: MTR-3 Altitude: 4919 ft  
 Well location: 03N-29E-14adc1 Depth of well: 602 ft  
 Latitude and longitude: 433521 1125734 Depth of hole: 602 ft  
 Site identifier: 433522112573501 Total depth logged: 598 ft  
 County: Butte

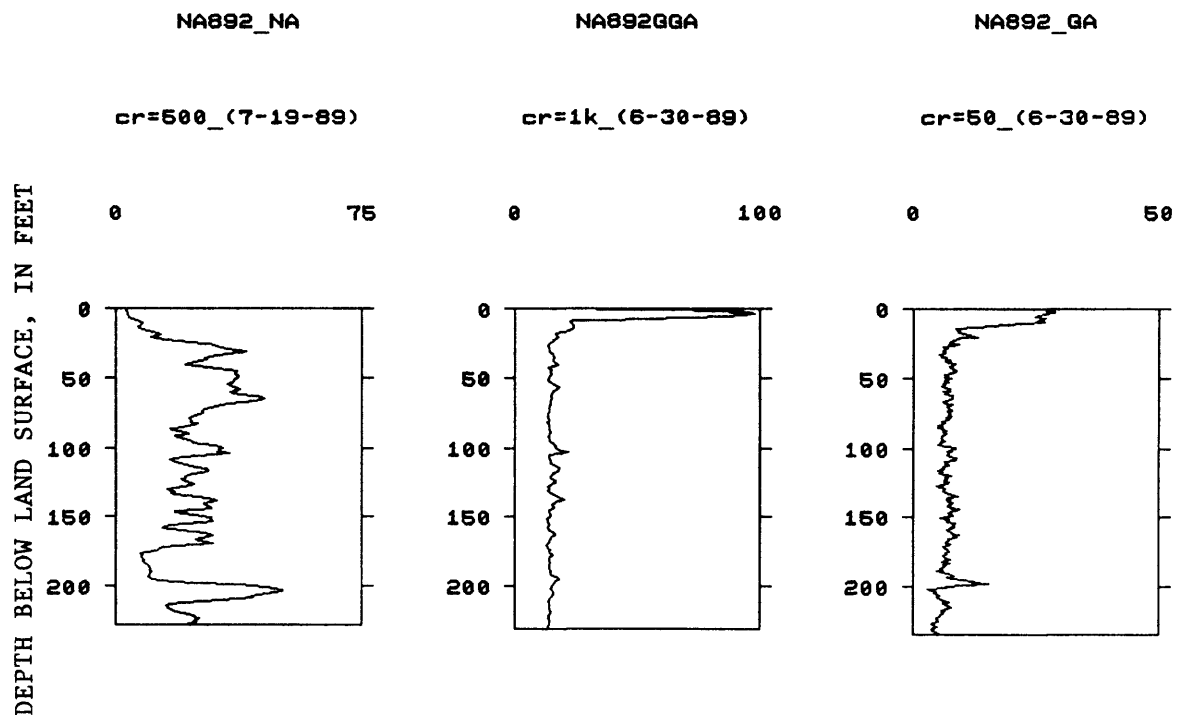
Remarks: Digitized and unprocessed logs are on disk TRA-2u. Digitized and processed logs are on disk TRA-2p. Also called TRA-3 and ETR-3. Gamma-gamma log shown was digitized at 2 different scales--cps=3,100. Line break indicates base of upper logged interval.



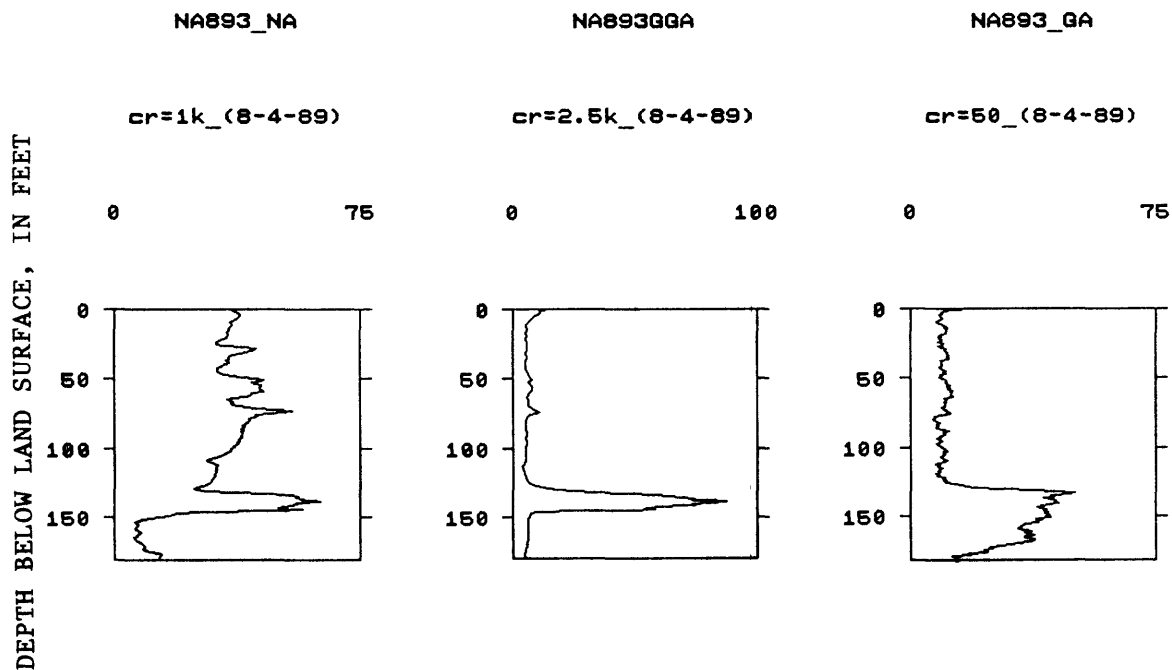
Well identifier:	NA89-1	Altitude:	5045 ft
Well location:	02N-28E-13cba1	Depth of well:	--
Latitude and longitude:	432956 1130416	Depth of hole:	--
Site identifier:	--	Total depth logged:	237 ft
County:	Butte		
Remarks:	Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11.		



Well identifier:	NA89-2	Altitude:	5059 ft
Well location:	02N-28E-11acd1	Depth of well:	--
Latitude and longitude:	433054 1130453	Depth of hole:	--
Site identifier:	--	Total depth logged:	234 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11.		



Well identifier:	NA89-3	Altitude:	5038 ft
Well location:	02N-28E-19bbc1	Depth of well:	--
Site identifier:	432923113031701	Depth of hole:	--
Site identifier:	--	Total depth logged:	181 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11.		



Well identifier: NONAME-1                      Altitude: 4785 ft  
 Well location: 06N-31E-16dca1              Depth of well: 550 ft  
 Latitude and longitude: 435039 1124533      Depth of hole: 550 ft  
 Site identifier: 435038112453401          Total depth logged: 549 ft  
 County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Also called Tan-Exploration. Additional well logs digitized under name TAN-Exploration. Files are on disks 8 and 11, respectively. Gamma-gamma log shown was digitized at 2 different scales--cps=2.5k,500. Line break indicates base of upper logged interval.

NN1\_GGA1

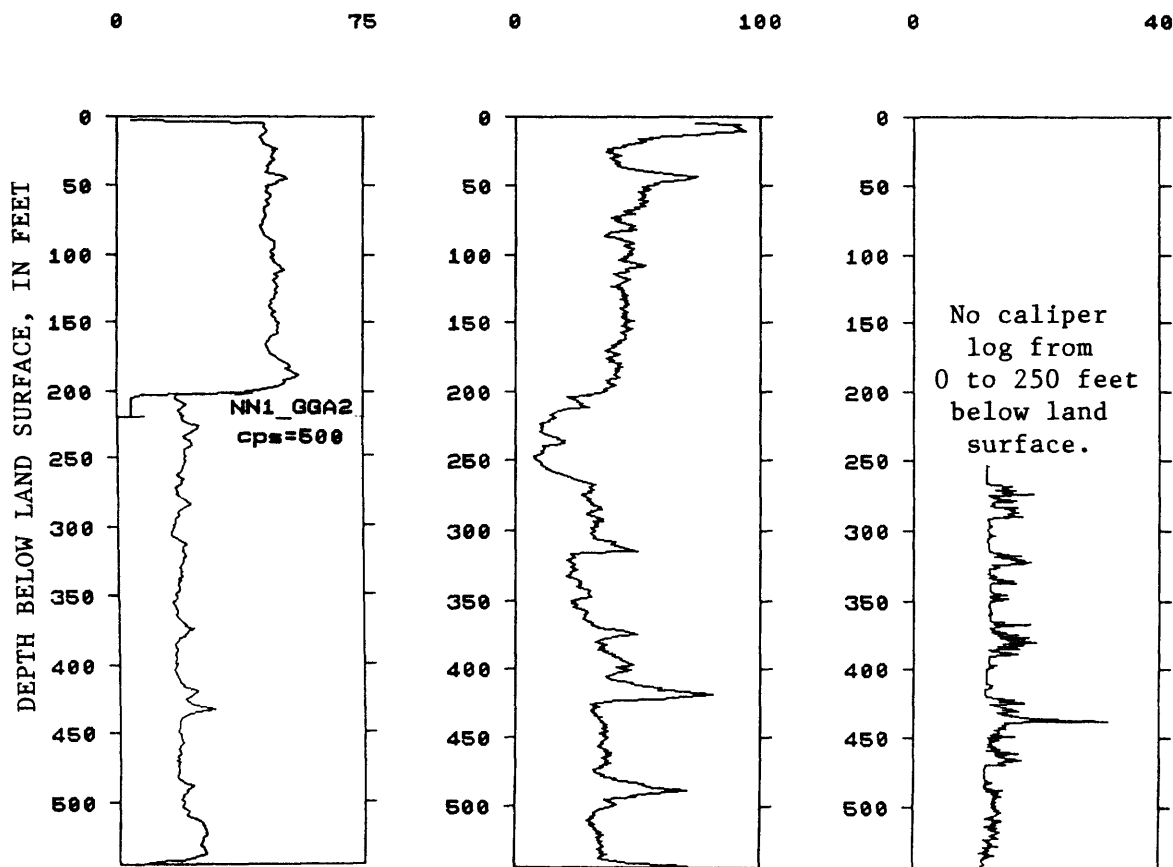
NN1\_GA1

NN1\_CA

cps=2.5k

cps=10\_(5-7-80)

sc=in\_(5-7-80)



Well identifier:	NPR-Test	Altitude:	4935 ft
Well location:	03N-30E-16ddd1	Depth of well:	600 ft
Latitude and longitude:	433449 1125231	Depth of hole:	600 ft
Site identifier:	433449112523101	Total depth logged:	600 ft
County:	Butte		

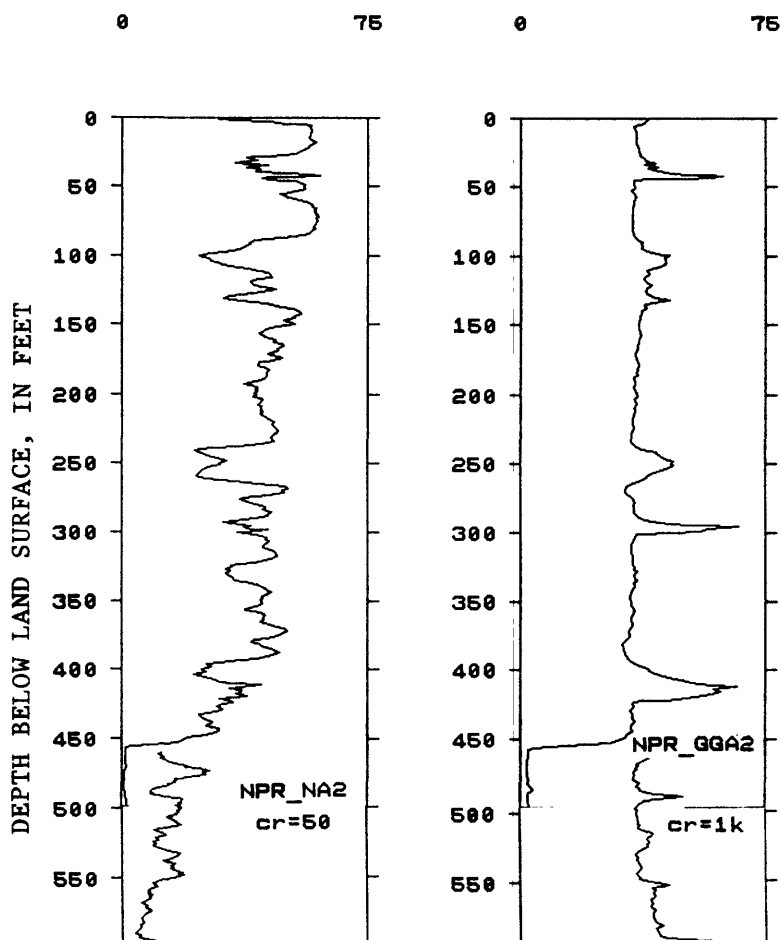
Remarks: Digitized and unprocessed logs are on disk 10. Digitized and processed logs are on disk 12. Neutron log shown was digitized at 2 different scales--cr=1k,50. Gamma-gamma log shown was digitized at 2 different scales--cr=10k,1k. Line breaks indicate base of upper logged intervals.

NPR\_NA1

NPR\_GGA1

cr=1k\_(5-10-84)

cr=10k\_(5-10-84)



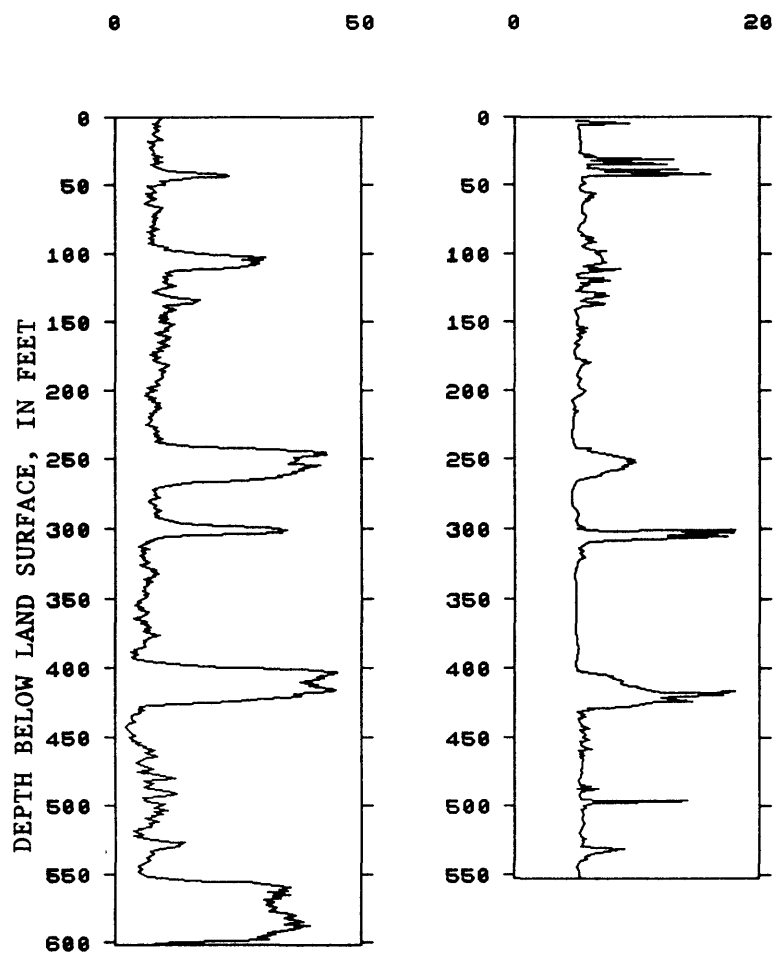


NPR\_GA

NPR\_CA

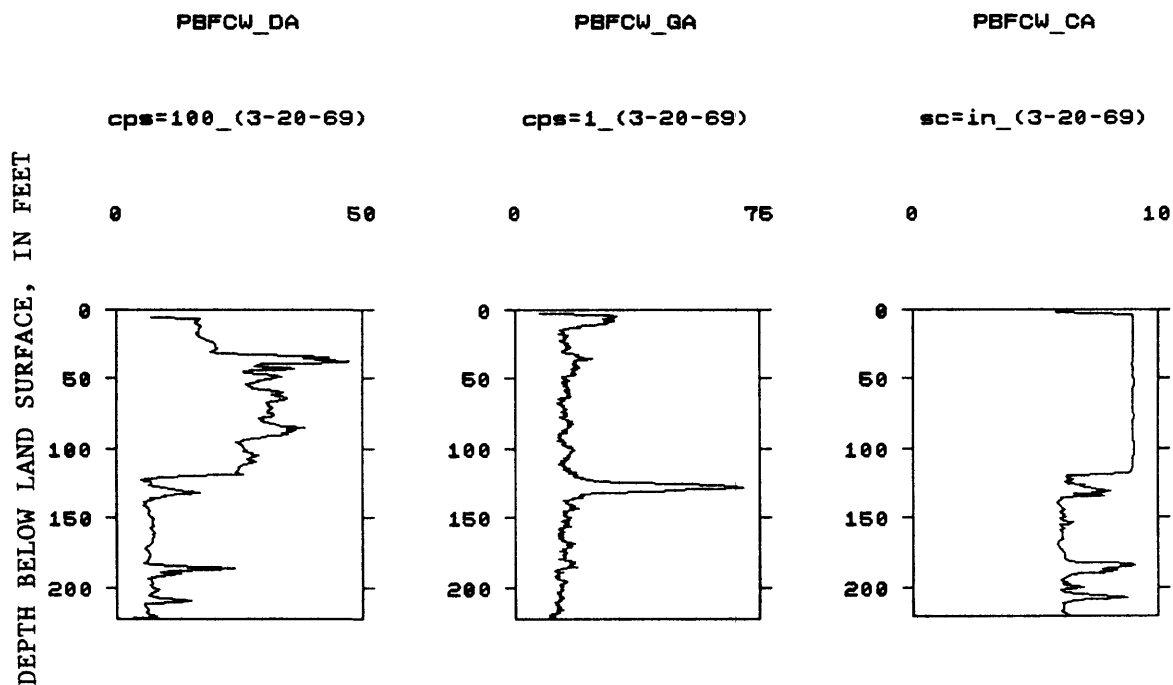
cr=50\_(5-10-84)

sc=in\_(5-10-84)



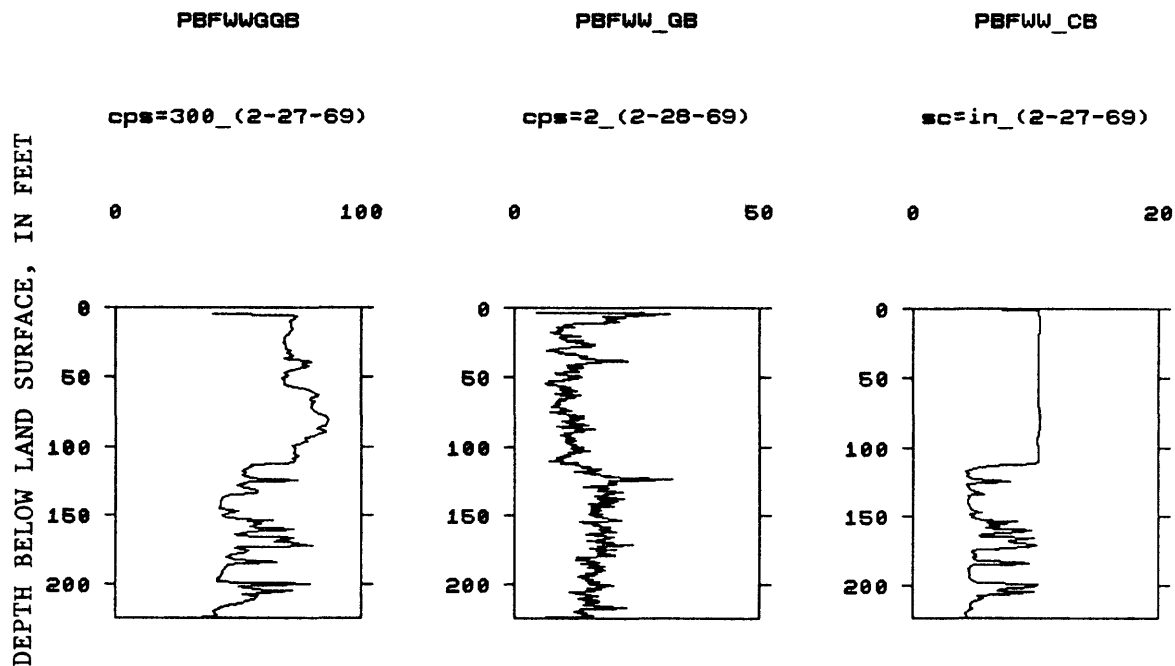
Well identifier: PBF (CW) Altitude: 4920 ft  
 Well location: 03N-30E-27ccb1 Depth of well: --  
 Latitude and longitude: 433316 1125228 Depth of hole: --  
 Site identifier: -- Total depth logged: 222 ft  
 County: Butte

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 9. Corrosive waste disposal well.



Well identifier:	PBF (WW)	Altitude:	4919 ft
Well location:	03N-30E-27ccb2	Depth of well:	--
Latitude and longitude:	433314 1125229	Depth of hole:	--
Site identifier:	--	Total depth logged:	224 ft
County:	Butte		

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 9. Warm waste disposal well.



Well identifier:	PSTF	Altitude:	4787 ft
Well location:	06N-31E-21dccl	Depth of well:	319 ft
Latitude and longitude:	434941 1124542	Depth of hole:	322 ft
Site identifier:	434941112454201	Total depth logged:	314 ft
County:	Butte		

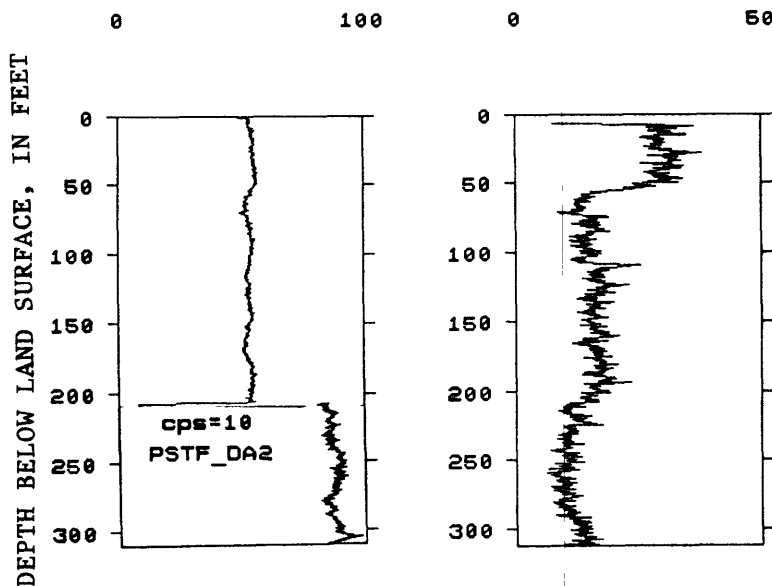
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 9. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.

PSTF\_DA1

PSTF\_GB

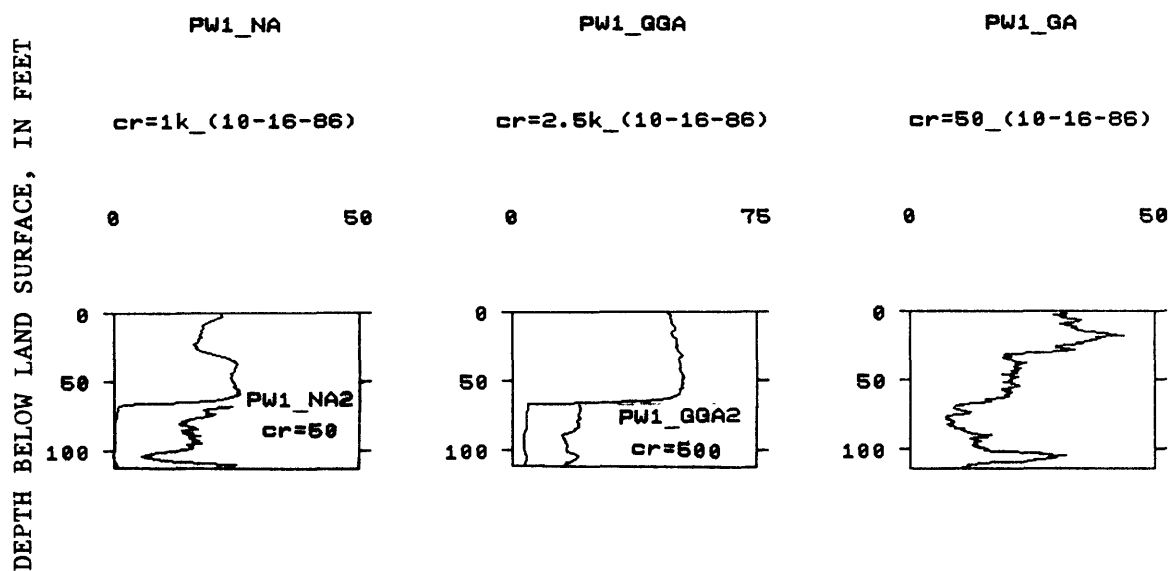
cps=100\_(8-5-63)

cps=1\_(4-18-63)



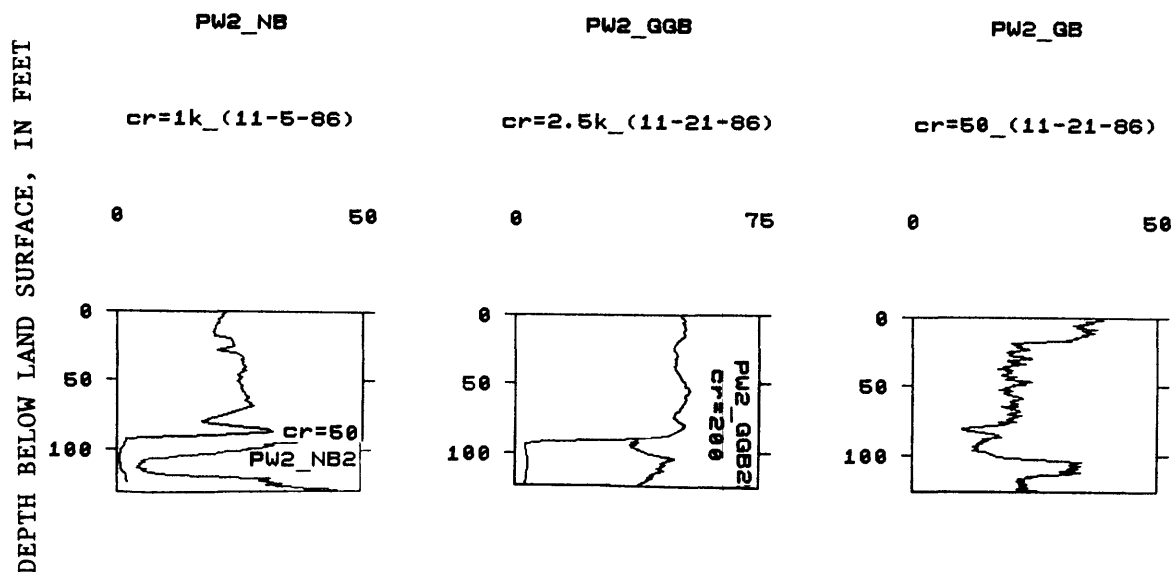
Well identifier: PW-1 Altitude: 4917 ft  
 Well location: 03N-29E-25aaa1 Depth of well: 120 ft  
 Latitude and longitude: 433349 1125608 Depth of hole: 120 ft  
 Site identifier: 433349112560701 Total depth logged: 115 ft  
 County: Butte

Remarks: Digitized and unprocessed logs are on disks 1, 10. Digitized and processed logs are on disks 1, 12. Neutron log shown was digitized at 2 different scales--cr=1k,50. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,500. Line breaks indicate base of upper logged intervals.

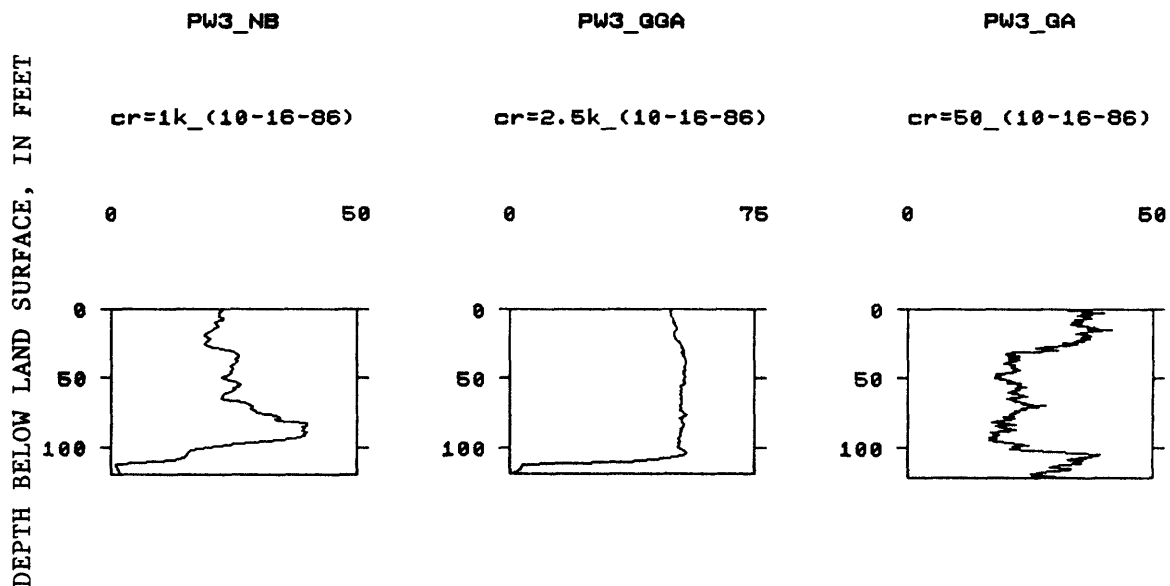


Well identifier:	PW-2	Altitude:	4917 ft
Well location:	03N-30E-30bdd1	Depth of well:	131 ft
Latitude and longitude:	433345 1125557	Depth of hole:	131 ft
Site identifier:	433344112555601	Total depth logged:	129 ft
County:	Butte		

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 1, 10. Digitized and processed logs are on disks 1, 12. Neutron log shown was digitized at 2 different scales-- cr=1k,50. Gamma-gamma log shown was digitized at 2 different scales-- cr=2.5k,200. Line breaks indicate base of upper logged intervals.

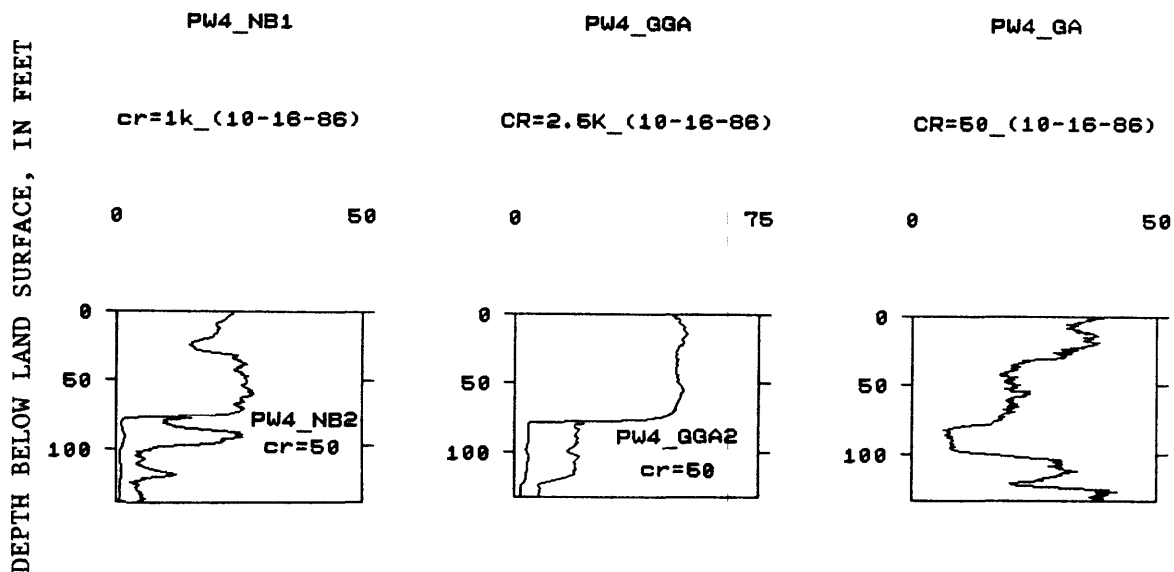


Well identifier:	PW-3	Altitude:	4917 ft
Well location:	03N-30E-30bba1	Depth of well:	125 ft
Latitude and longitude:	433351 1125558	Depth of hole:	125 ft
Site identifier:	433351112555701	Total depth logged:	122 ft
County:	Butte		
Remarks:	Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1.		



Well identifier: PW-4 Altitude: 4915 ft  
 Well location: 03N-30E-30bac1 Depth of well: 150 ft  
 Latitude and longitude: 433349 1125549 Depth of hole: 150 ft  
 Site identifier: 433348112554901 Total depth logged: 142 ft  
 County: Butte

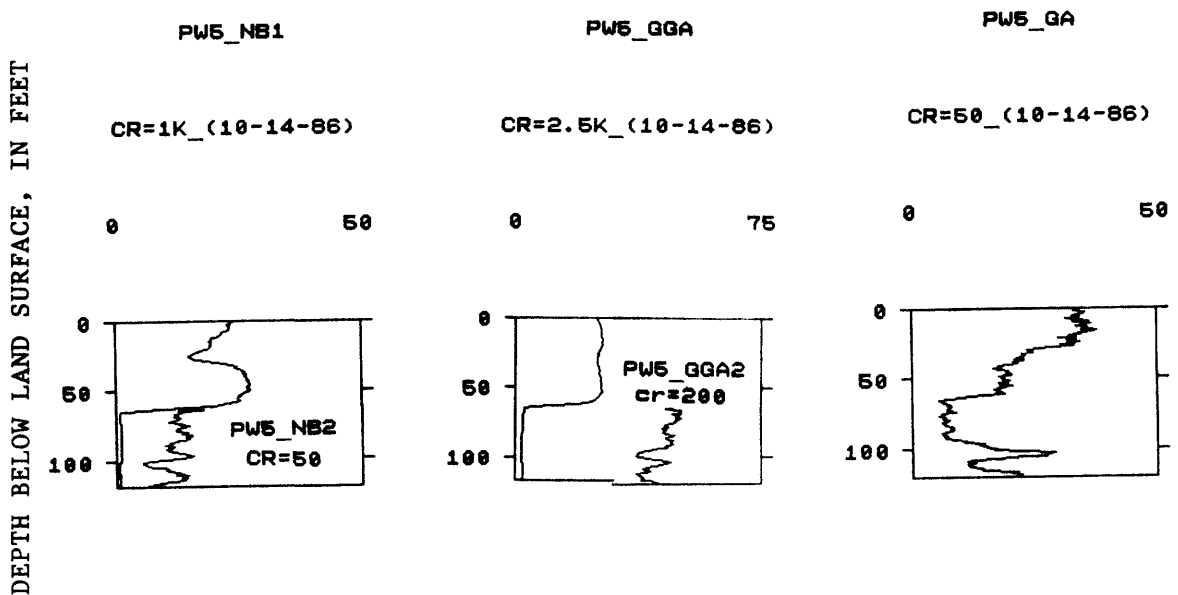
Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 1, 10. Digitized and processed logs are on disks 1, 12. Neutron log shown was digitized at 2 different scales-- cr=1k,50. Gamma-gamma log shown was digitized at 2 different scales-- cr=2.5k,50. Line breaks indicate base of upper logged intervals.





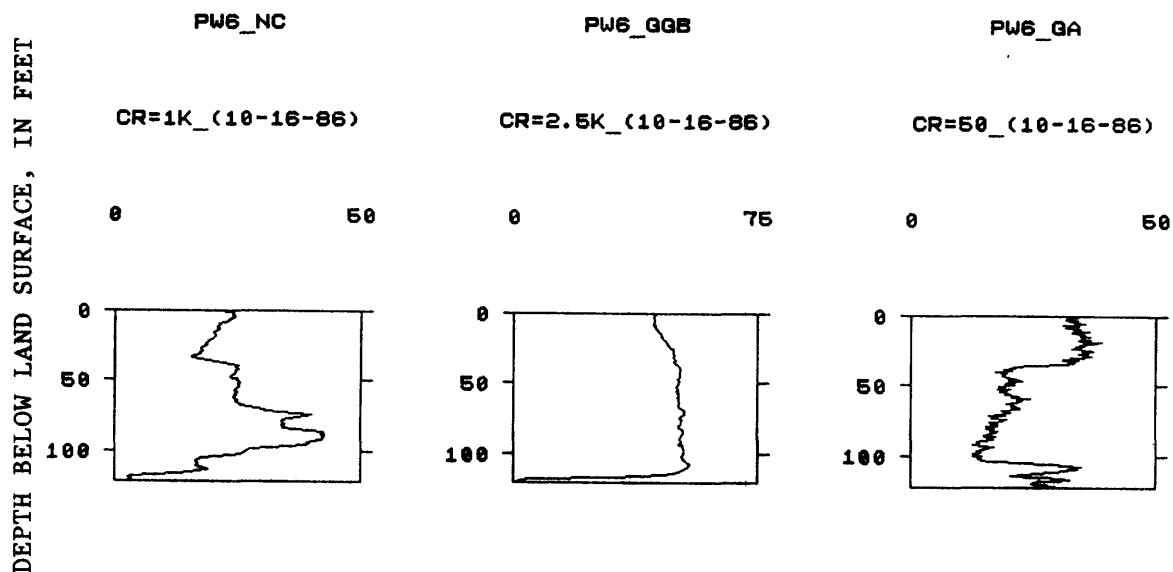
Well identifier: PW-5 Altitude: 4924 ft  
 Well location: 03N-30E-30bdd2 Depth of well: 129 ft  
 Latitude and longitude: 433349 1125557 Depth of hole: 131 ft  
 Site identifier: 433348112555701 Total depth logged: 122 ft  
 County: Butte

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 1, 10. Digitized and processed logs are on disks 1, 12. Neutron log shown was digitized at 2 different scales--cr=1k,50. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,200. Line breaks indicate base of upper logged intervals.



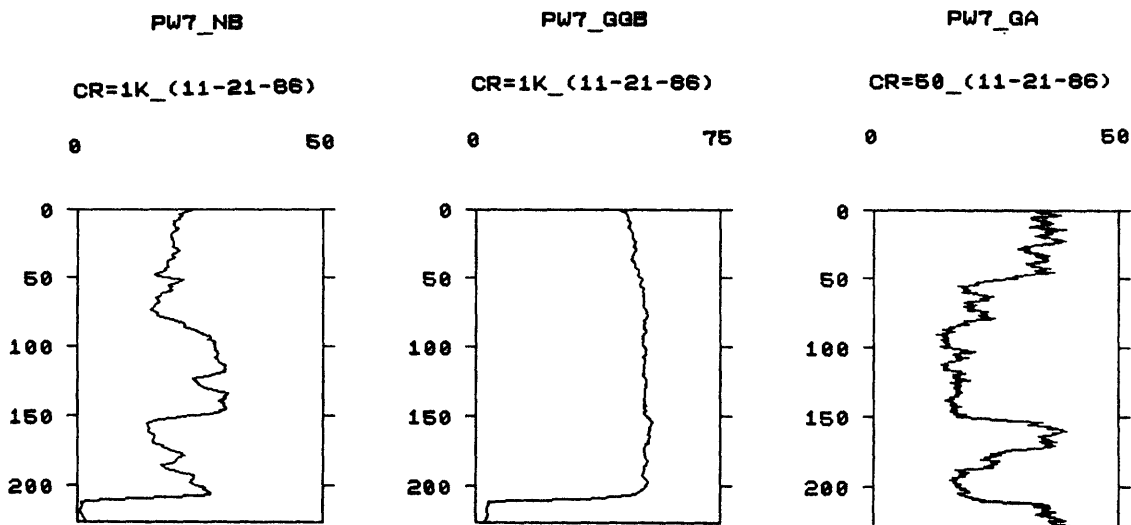
Well identifier: PW-6 Altitude: 4920 ft  
 Well location: 03N-29E-25aabl Depth of well: 125 ft  
 Latitude and longitude: 433353 1125622 Depth of hole: 135 ft  
 Site identifier: 433353112562201 Total depth logged: 124 ft  
 County: Butte

Remarks: Additional digitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 1. Digitized  
 and processed logs are on disk 1.



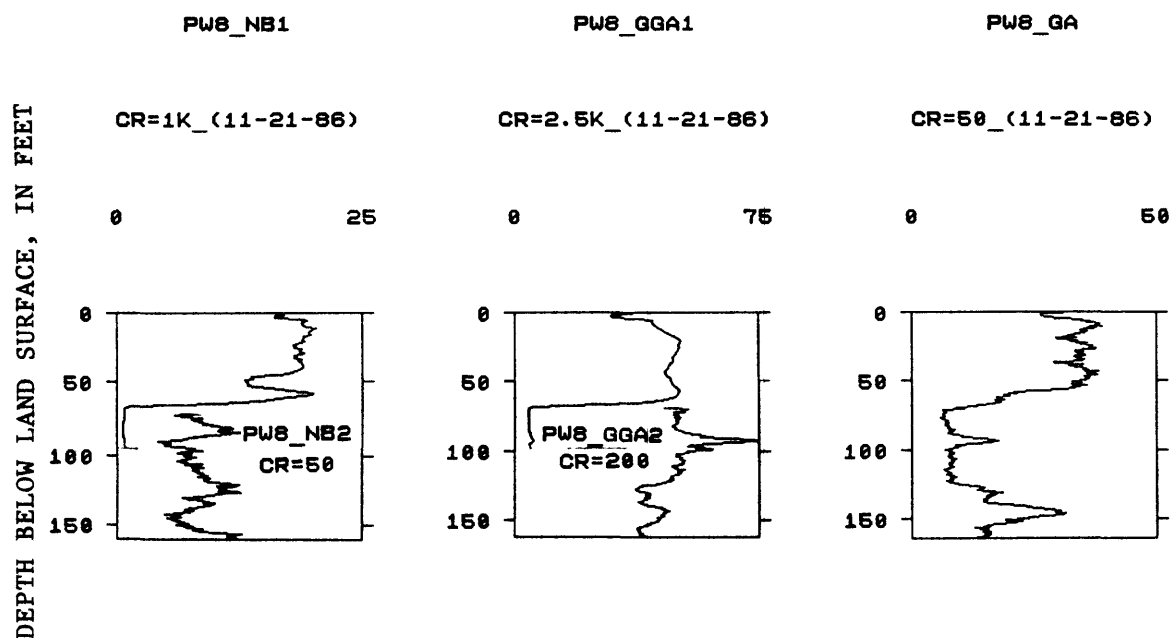
Well identifier:	PW-7	Altitude:	4925 ft
Well location:	03N-29E-23abb2	Depth of well:	237 ft
Latitude and longitude:	433447 1125747	Depth of hole:	237 ft
Site identifier:	433446112574602	Total depth logged:	232 ft
County:	Butte		
Remarks:	Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1.		

DEPTH BELOW LAND SURFACE, IN FEET



Well identifier:	PW-8	Altitude:	4919 ft
Well location:	03N-29E-14dda4	Depth of well:	170 ft
Latitude and longitude:	433457 1125721	Depth of hole:	178 ft
Site identifier:	433456112572001	Total depth logged:	164 ft
County:	Butte		

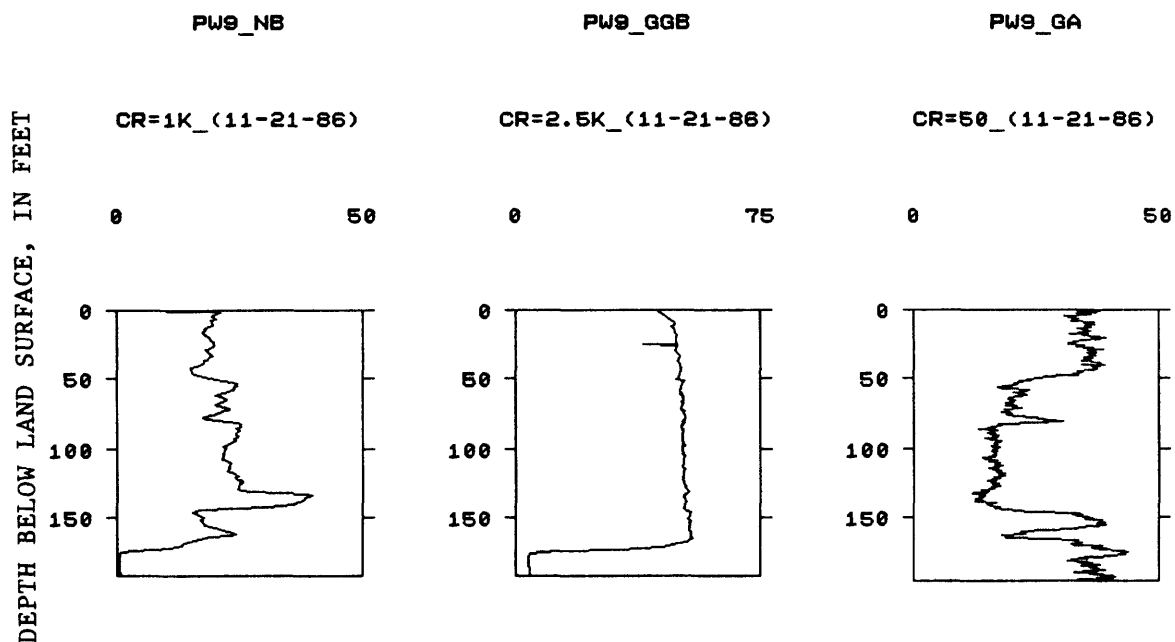
Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 1. Digitized and processed logs are on disk 1. Neutron log shown was digitized at 2 different scales--cr=1k,50. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,200. Line breaks indicate base of upper logged intervals.



Well identifier:	PW-9	Altitude:	4927 ft
Well location:	03N-29E-14cdal	Depth of well:	200 ft
Latitude and longitude:	433501 1125755	Depth of hole:	201 ft
Site identifier:	433500112575401	Total depth logged:	196 ft

County: Butte

Remarks: Additional digitized logs are available (see Table 1).  
Digitized and unprocessed logs are on disk 1. Digitized  
and processed logs are on disk 1.



Well identifier:	P&W-1	Altitude:	4896 ft
Well location:	07N-31E-28cac1	Depth of well:	432 ft
Latitude and longitude:	435416 1124603	Depth of hole:	434 ft
Site identifier:	435416112460401	Total depth logged:	432 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 9. Density log shown was digitized at 2 different scales--cps=100,30. Line break indicates base of upper logged interval.

PAW1\_DC1

PAW1\_GC

cps=100\_(8-2-63)

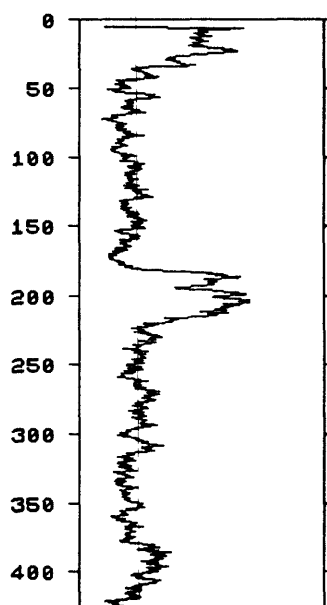
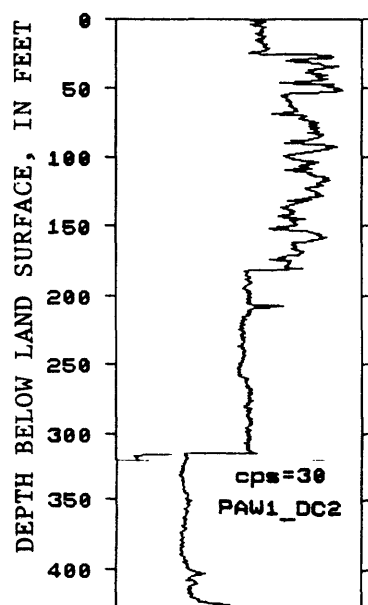
cps=1\_(4-17-63)

0

100

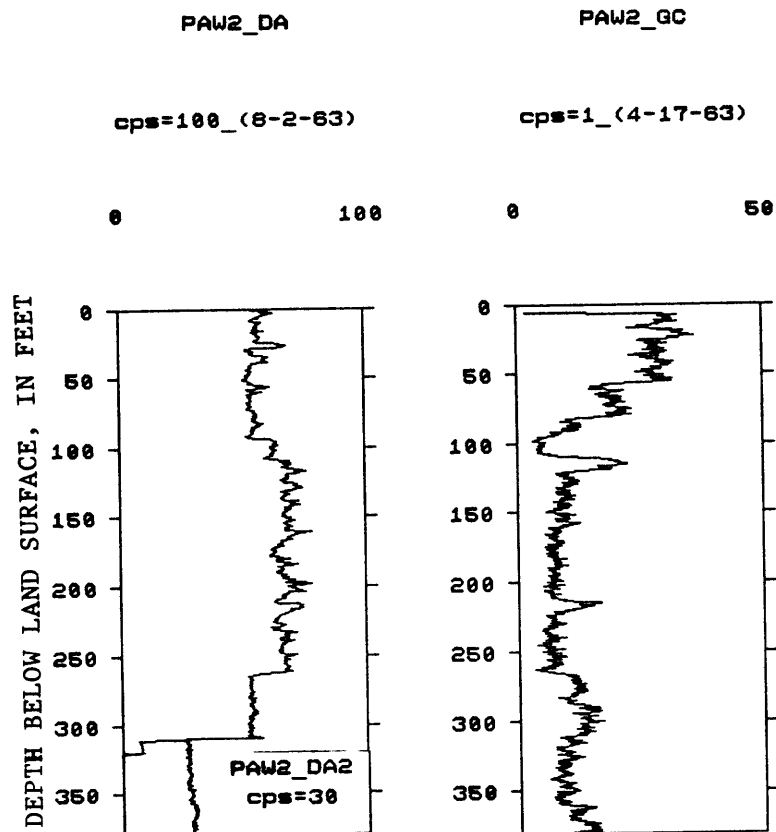
0

50



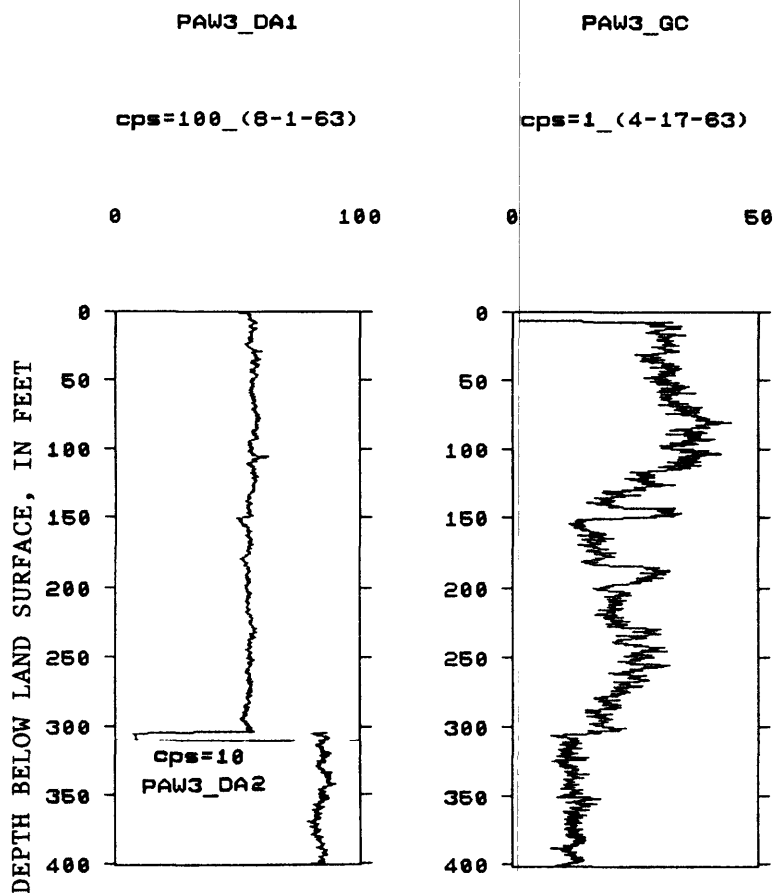
Well identifier:	P&W-2	Altitude:	4891 ft
Well location:	07N-31E-28dab1	Depth of well:	386 ft
Latitude and longitude:	435419 1124530	Depth of hole:	386 ft
Site identifier:	435419112453101	Total depth logged:	383 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 7, 10. Digitized and processed logs are on disks 9, 12. Density log shown was digitized at 2 different scales--cps=100,30. Line break indicates base of upper logged interval.



Well identifier:	P&W-3	Altitude:	4886 ft
Well location:	07N-31E-26bbc1	Depth of well:	406 ft
Latitude and longitude:	435443 1124358	Depth of hole:	408 ft
Site identifier:	435443112435801	Total depth logged:	407 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 9. Density log shown was digitized at 2 different scales--cps=100,10. Line break indicates base of upper logged interval.





Well identifier: Quaking Aspen Butte Altitude: 5190 ft  
 Well location: 01N-28E-03cdbl Depth of well: 1115 ft  
 Latitude and longitude: 432632 1130959 Depth of hole: 1115 ft  
 Site identifier: 432632113095901 Total depth logged: 1102 ft  
 County: Butte

Remarks: Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 10. Gamma-gamma log shown was digitized at 2 different scales--cr=1k,10k. Line break indicates base of upper logged interval. Digitized logs continued on the next page.

QAB\_GGA1

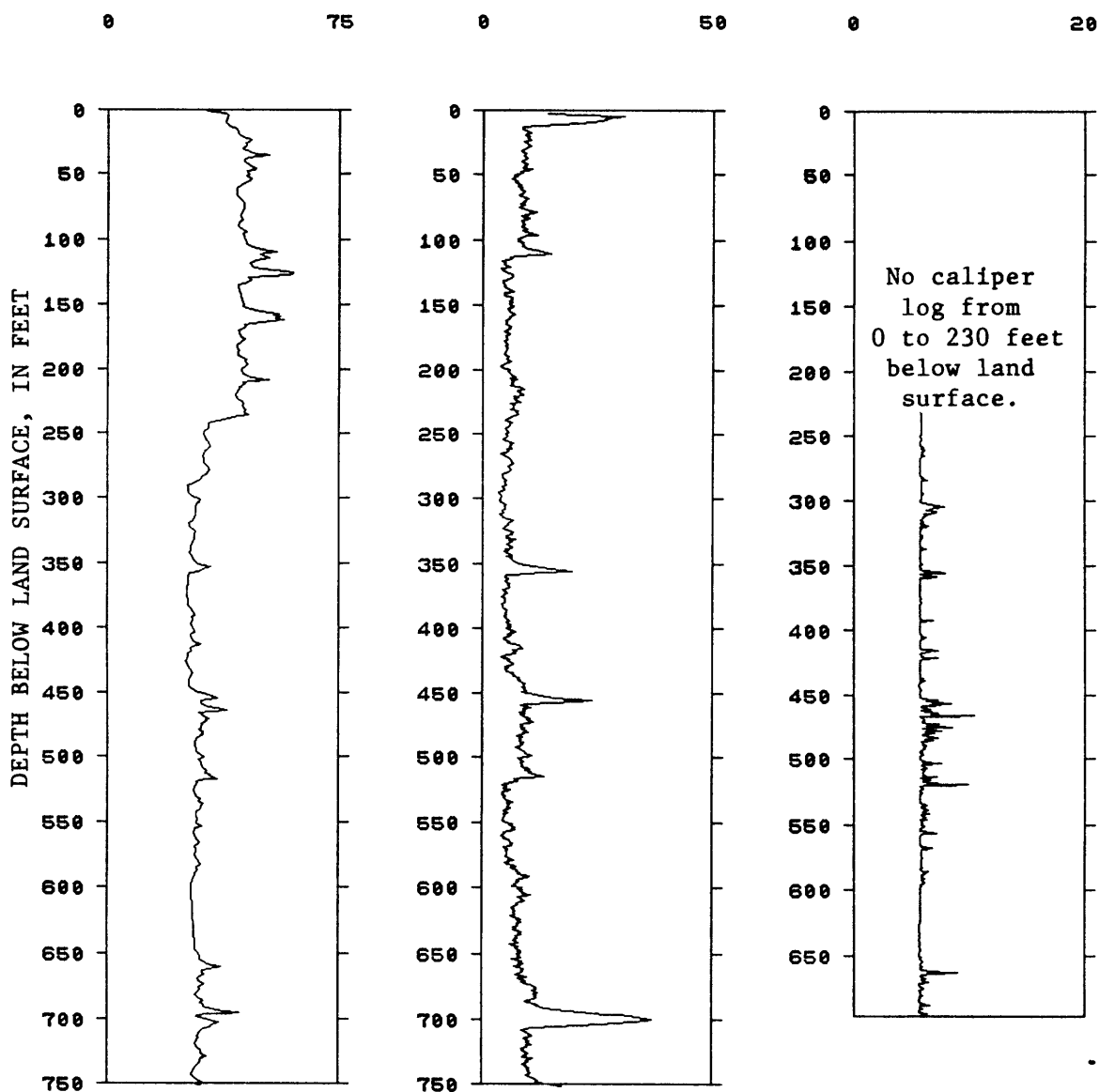
QAB\_GA

QAB\_CA

cr=1k\_(2-11-82)

cr=50\_(2-11-82)

sc=in\_(12-23-81)

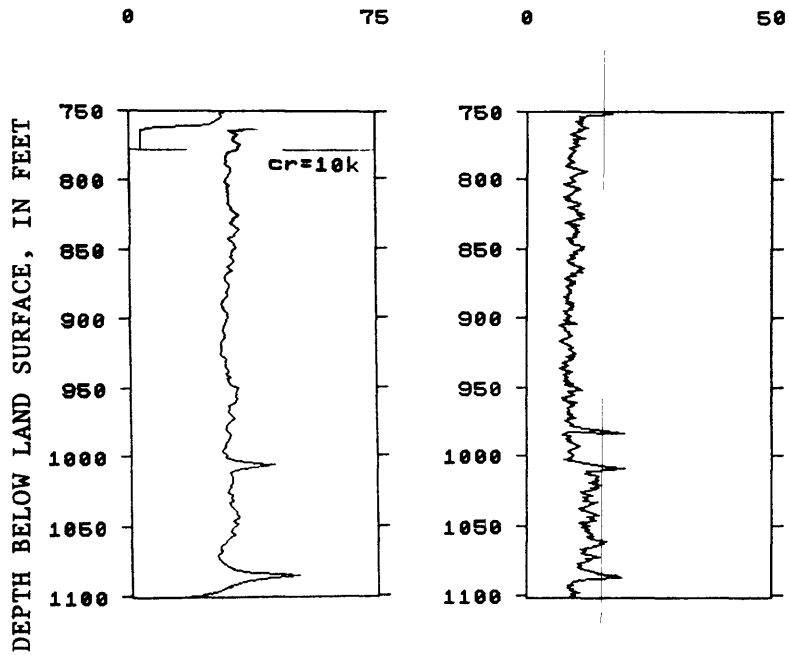


QAB\_GGA1--Continued

QAB\_GA--Continued

cr=1k\_(2-11-82)

cr=50\_(2-11-82)



Well identifier:	Rifle Range Well	Altitude:	4967 ft
Well location:	03N-29E-34bdd1	Depth of well:	620 ft
Latitude and longitude:	433243 1125908	Depth of hole:	626 ft
Site identifier:	433243112591101	Total depth logged:	623 ft
County:	Butte		

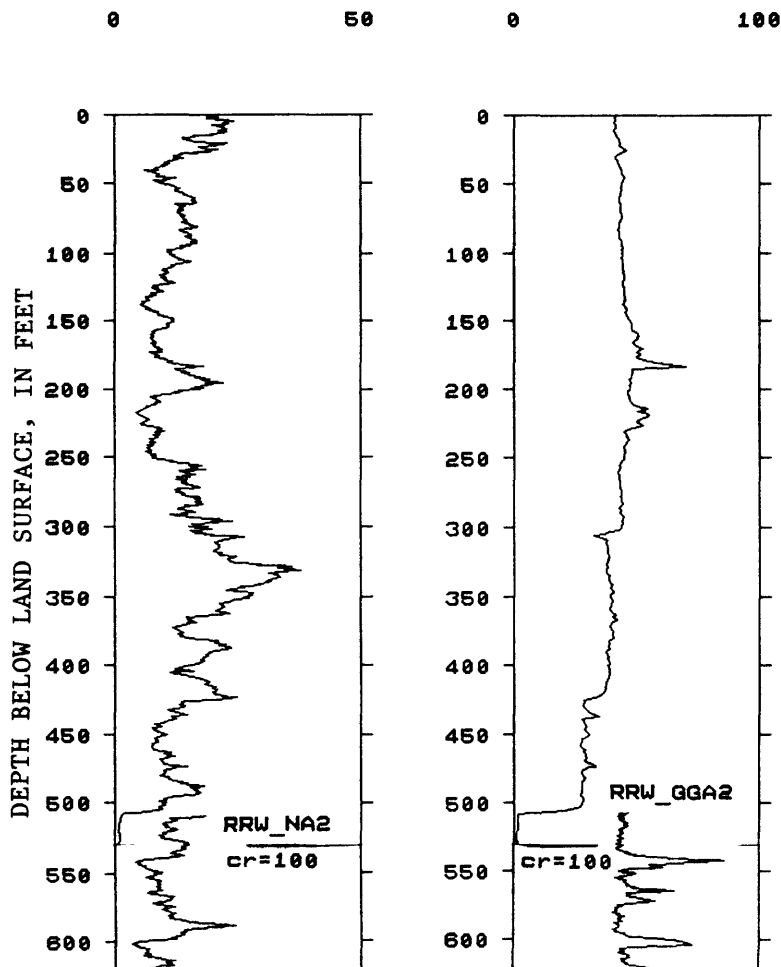
Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Neutron log shown was digitized at 2 different scales--cr=1k,100. Gamma-gamma log shown was digitized at 2 different scales--cr=2.5k,100. Line breaks indicate base of upper logged intervals. Caliper log shown is a combination of 2 digitized logs. Line break separates RRW\_CA and RRW\_CB.

RRW\_NA1

RRW\_GGA1

cr=1k\_(6-22-88)

cr=2.5k\_(6-22-88)

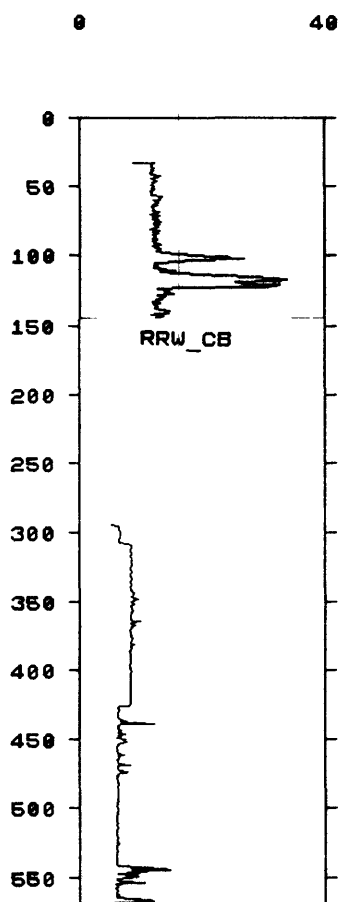
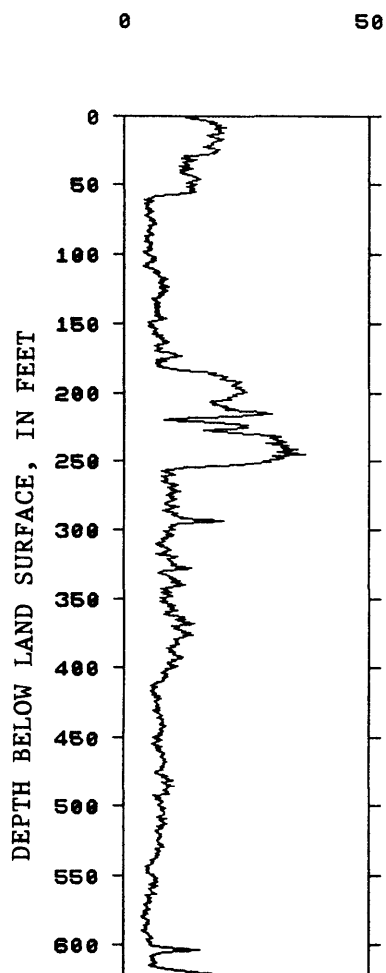


RRW\_GB

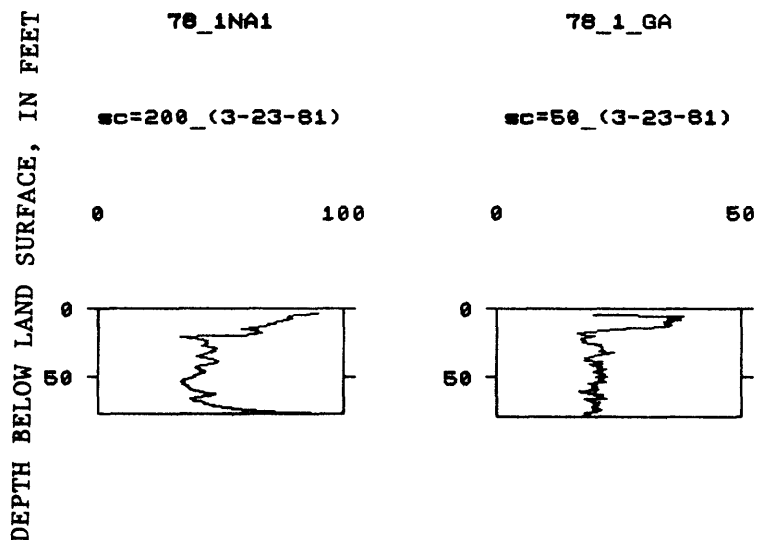
RRW\_CA

cr=50\_(6-20-88)

sc=in\_(5-10-88)



Well identifier:	RWMC-78-1	Altitude:	5010 ft
Well location:	02N-29E-18dbb1	Depth of well:	--
Latitude and longitude:	432956 1130234	Depth of hole:	--
Site identifier:	--	Total depth logged:	78 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2.		



Well identifier: RWMC-78-2 Altitude: 5007 ft  
 Well location: 02N-29E-18adc1 Depth of well: --  
 Latitude and longitude: 433004 1130226 Depth of hole: --  
 Site identifier: -- Total depth logged: 234 ft  
 County: Butte  
 Remarks: Digitized and unprocessed logs are on disk 2.  
 Digitized and processed logs are on disk 2.

78\_2\_NA

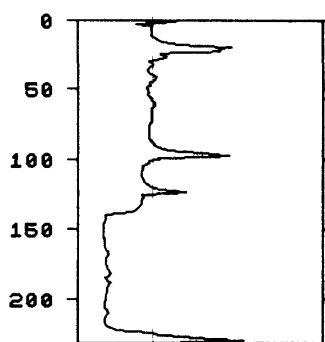
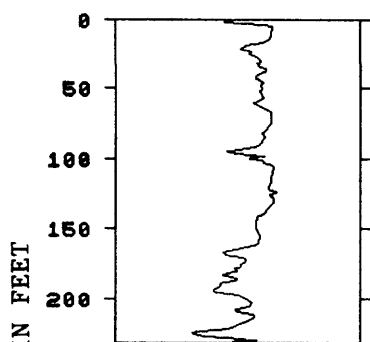
78\_2GGA

sc=.005\_(8-4-78)

sc=.05\_(8-4-78)

0 50

0 50



78\_2\_GA

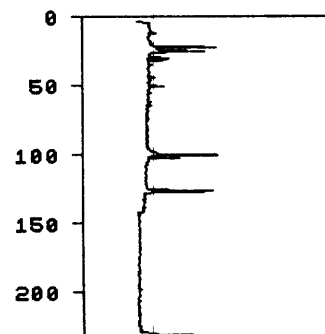
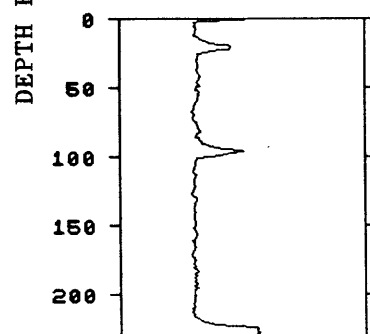
78\_2\_CA

sc=.0025\_(8-4-78)

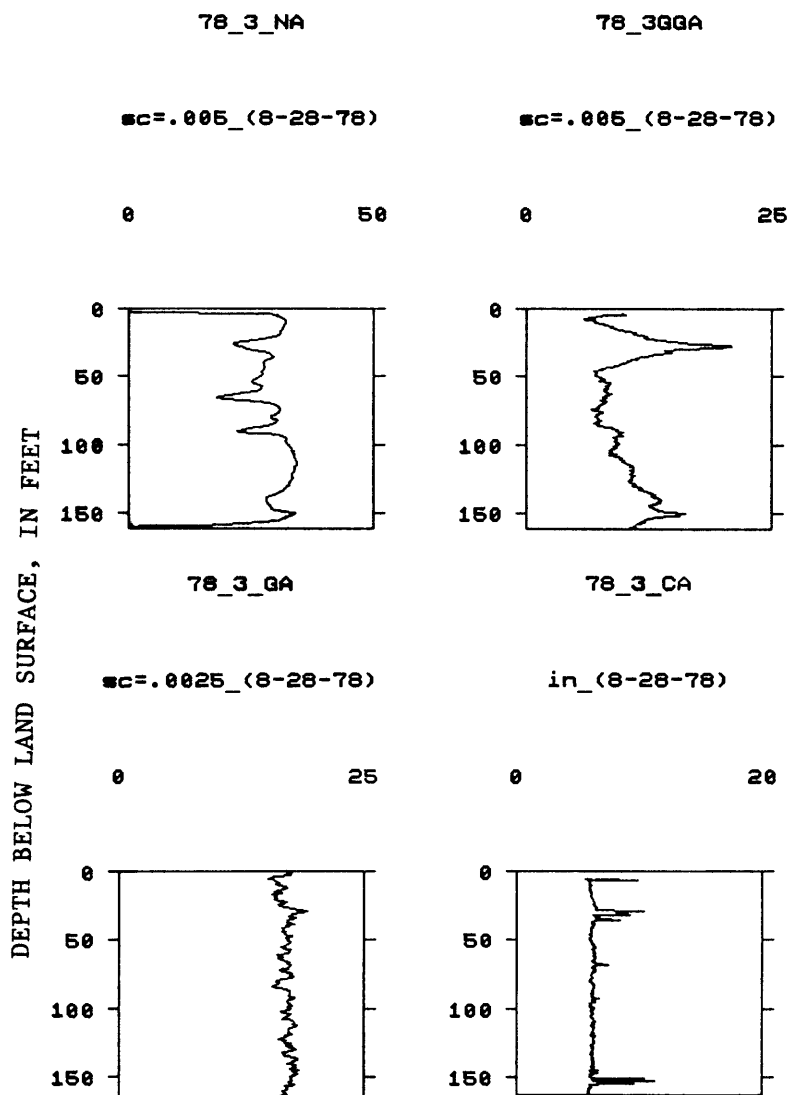
in\_(8-4-78)

0 50

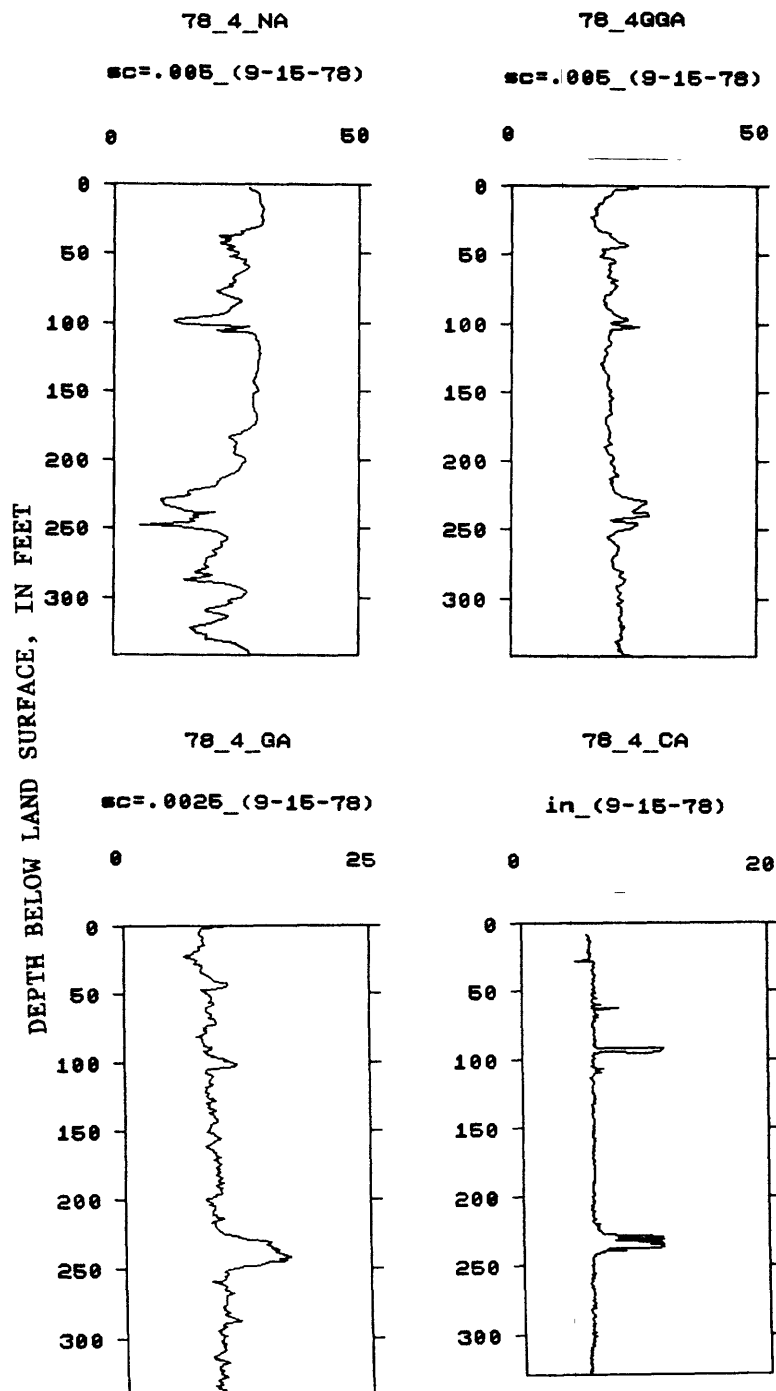
0 20



Well identifier:	RWMC-78-3	Altitude:	5011 ft
Well location:	02N-29E-18bdd2	Depth of well:	--
Latitude and longitude:	433004 1130252	Depth of hole:	--
Site identifier:	--	Total depth logged:	166 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2.		



Well identifier:	RWMC-78-4	Altitude:	5018 ft
Well location:	02N-29E-18bda3	Depth of well:	--
Latitude and longitude:	433014 1130242	Depth of hole:	--
Site identifier:	--	Total depth logged:	343 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2.		





Well identifier:	RWMC-78-5	Altitude:	5010 ft
Well location:	02N-29E-18caa3	Depth of well:	--
Latitude and longitude:	433000 1130252	Depth of hole:	--
Site identifier:	--	Total depth logged:	227 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2.		

78\_5\_NA

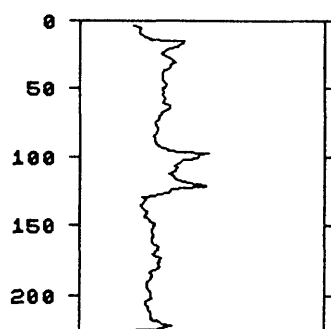
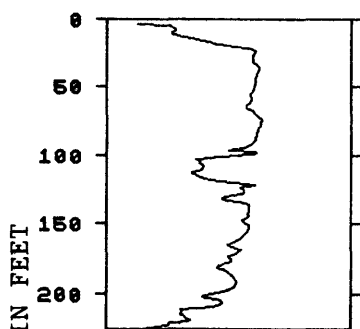
78\_5GQA

sc=.001\_(9-29-78)

sc=.005\_(9-29-78)

0 50

0 50



78\_5\_GA

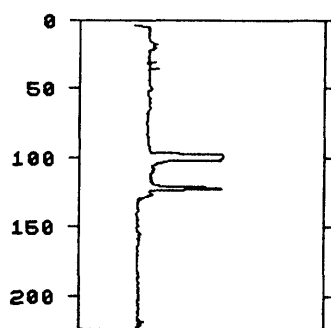
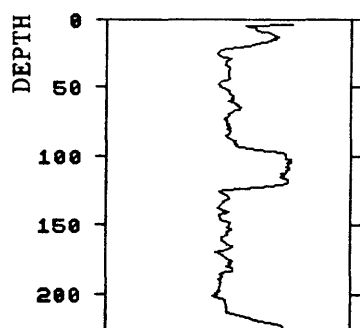
78\_5\_CA

sc=.0025\_(9-29-78)

in\_(9-29-78)

0 25

0 20



Well identifier: RWC-79-1 Altitude: 5010 ft  
 Well location: 02N-29E-17cbb1 Depth of well: --  
 Latitude and longitude: 432959 1130202 Depth of hole: --  
 Site identifier: -- Total depth logged: 239 ft  
 County: Butte  
 Remarks: Digitized and unprocessed logs are on disk 2.  
 Digitized and processed logs are on disk 2.

79\_1\_NA

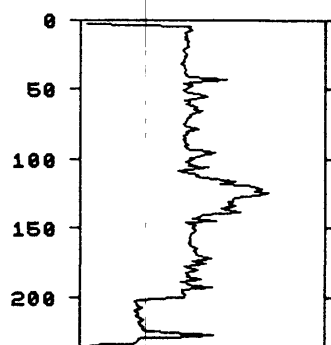
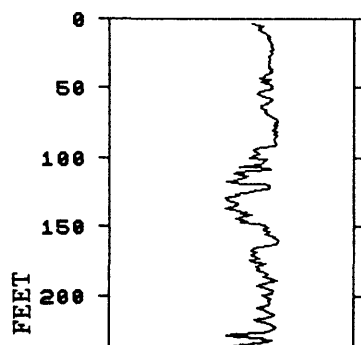
79\_1GA

cps=2.5k\_(4-2-80)

cps=2.5k\_(4-2-80)

0 75

0 50



79\_1\_GA

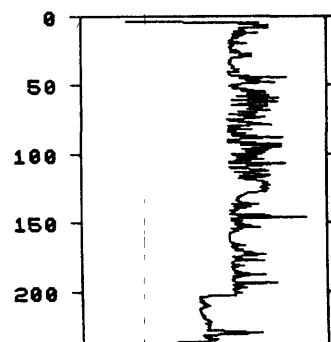
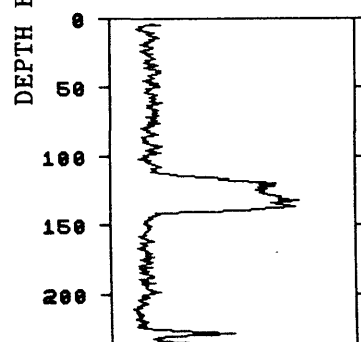
79\_1\_CA

cps=50\_(4-2-80)

in\_(4-2-80)

0 100

0 10



Well identifier:	RWMC-79-2	Altitude:	5011 ft
Well location:	02N-29E-18acc2	Depth of well:	--
Latitude and longitude:	433002 1130237	Depth of hole:	--
Site identifier:	--	Total depth logged:	218 ft
County:	Butte		
Remarks:	Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2.		

79\_2\_NC

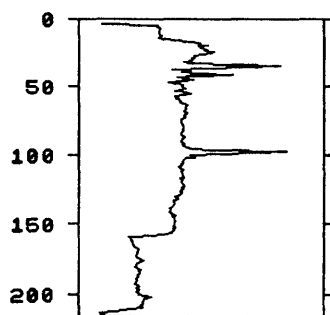
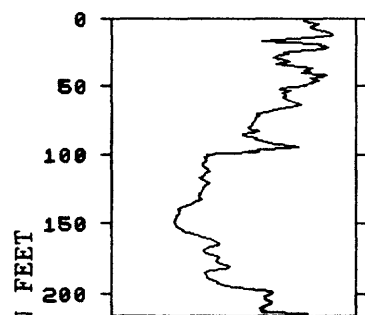
79\_2GGA

sc=500\_(3-23-82)

cps=2.5k\_(4-2-80)

0 50

0 50



79\_2\_GA

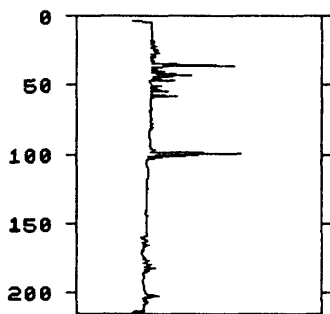
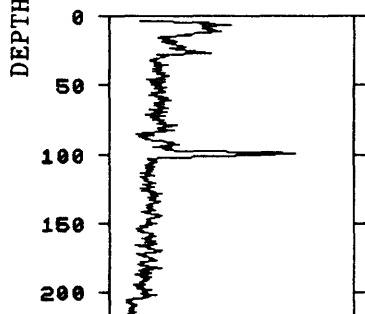
79\_2\_CA

cps=50\_(4-2-80)

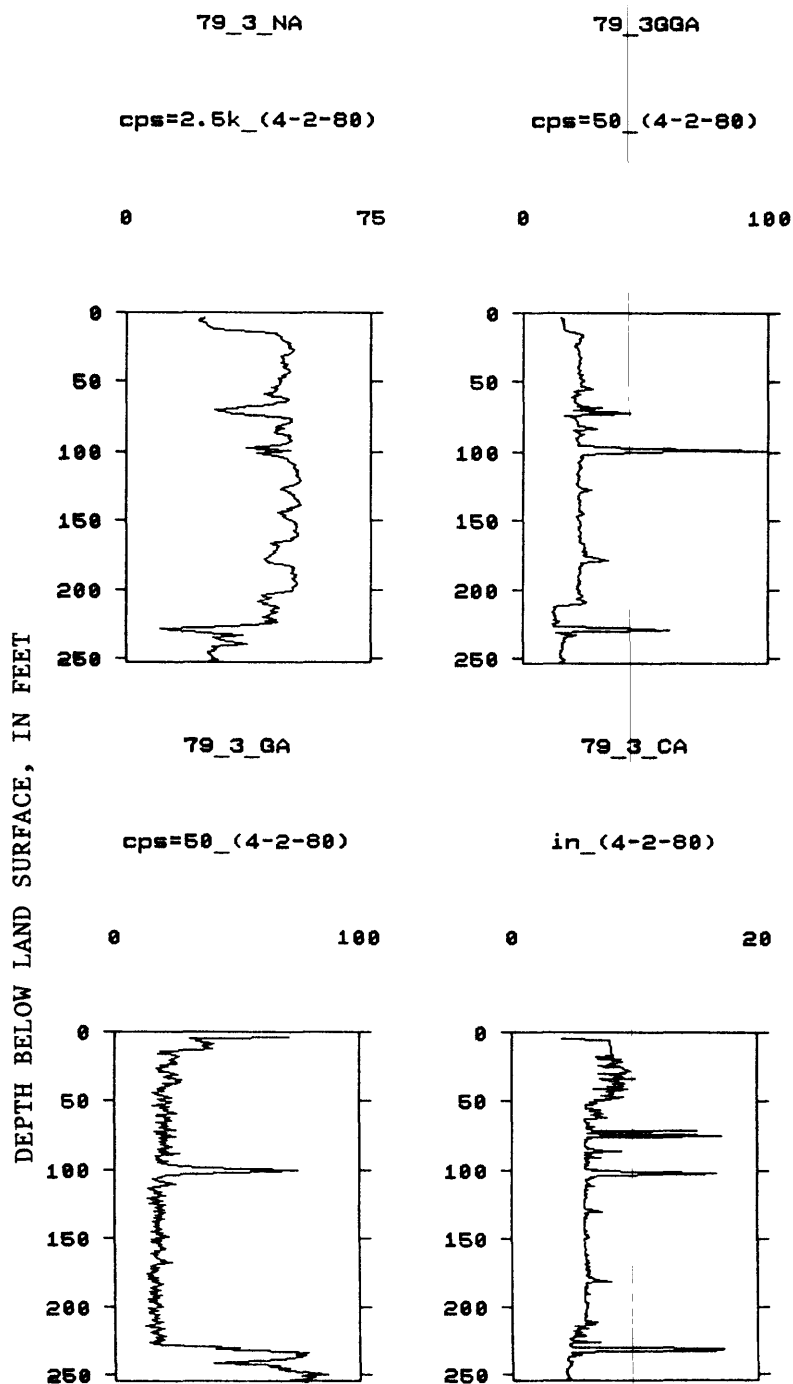
in\_(4-2-80)

0 75

0 20



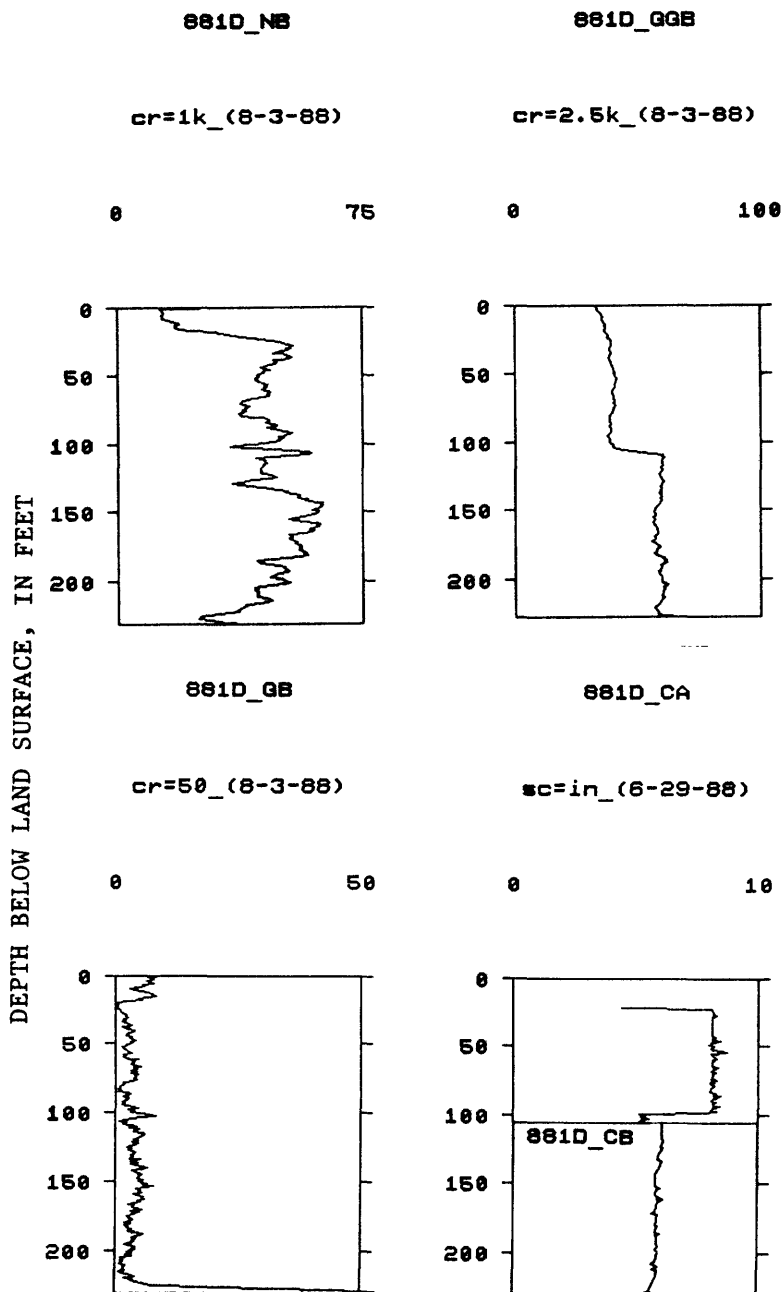
Well identifier:	RWMC-79-3	Altitude:	5008 ft
Well location:	02N-29E-18dbd1	Depth of well:	--
Latitude and longitude:	432949 1130230	Depth of hole:	--
Site identifier:	--	Total depth logged:	255 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2.		



Well identifier:	RWMC-88-1D	Altitude:	5008 ft
Well location:	02N-29E-18dbb2	Depth of well:	--
Latitude and longitude:	433000 1130238	Depth of hole:	--
Site identifier:	--	Total depth logged:	232 ft

County: Butte

Remarks: Additional digitized logs are available (see Table 1.) Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Caliper log shown is a combination of 2 digitized logs. Line break separates 881D\_CA and 881D\_CB.



Well identifier:	RWMC-88-02D	Altitude:	5006 ft
Well location:	02N-29E-18dba1	Depth of well:	--
Latitude and longitude:	433001 1130230	Depth of hole:	--
Site identifier:	--	Total depth logged:	220 ft
County:	Butte		

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Caliper log shown is a combination of 2 digitized logs. Line break separates 882D\_CA and 882D\_CB.

882D\_NB

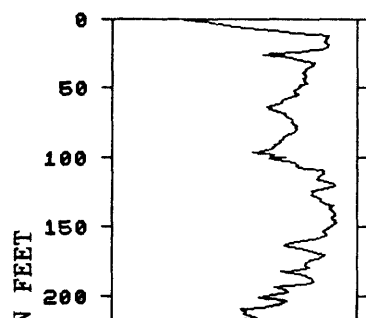
882D\_GGB

cr=1k\_(7-24-89)

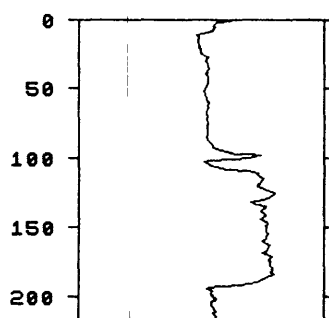
cr=2.5k\_(7-24-89)

0 100

0 75



882D\_GB



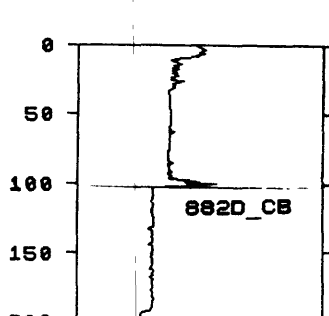
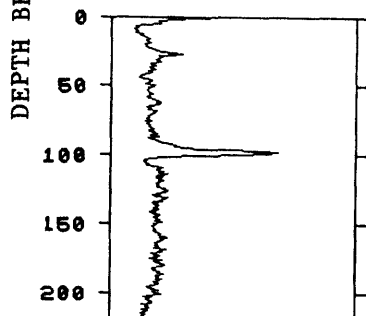
882D\_CA

cr=50\_(7-24-89)

sc=in\_(8-16-88)

0 50

0 20

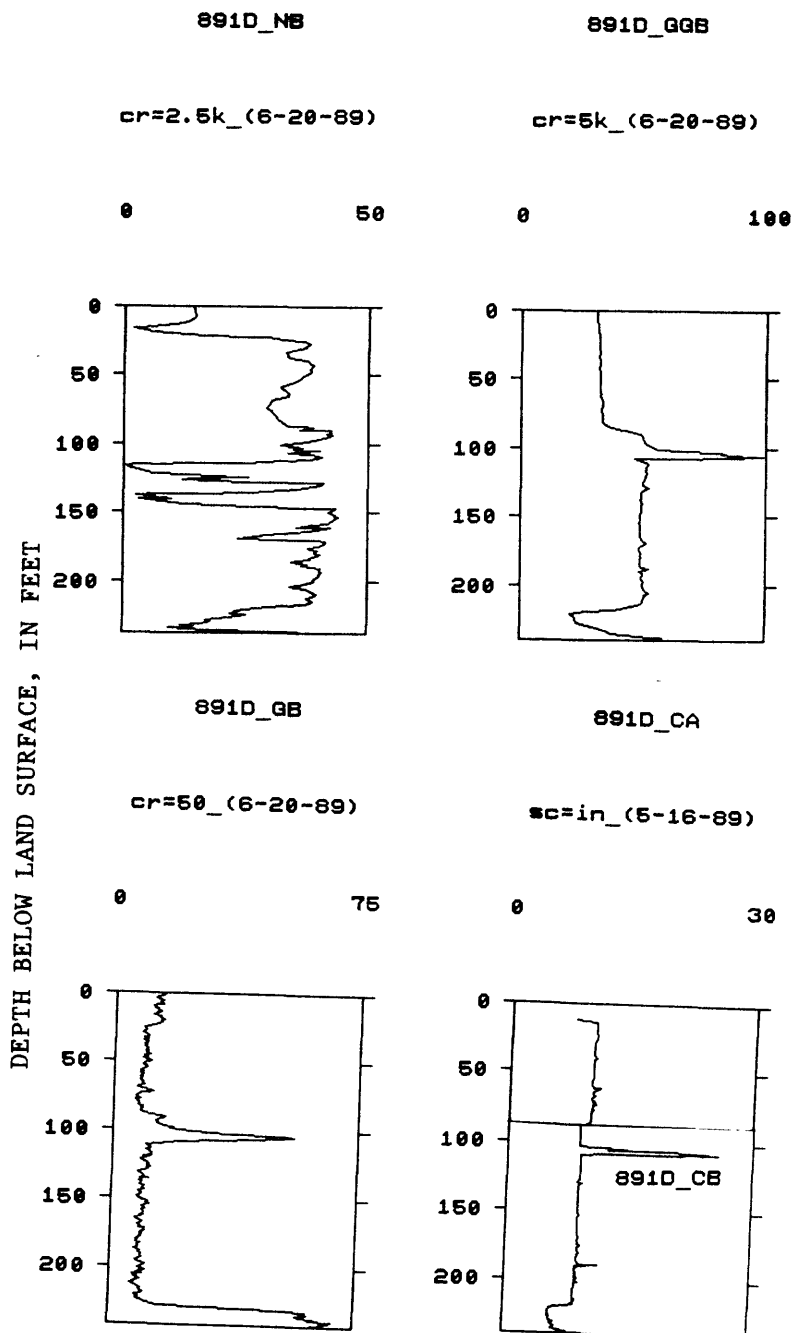


882D\_CB

Well identifier:	RWMC-89-01D	Altitude:	5009 ft
Well location:	02N-29E-18dbb3	Depth of well:	--
Latitude and longitude:	432958 1130237	Depth of hole:	--
Site identifier:	--	Total depth logged:	242 ft

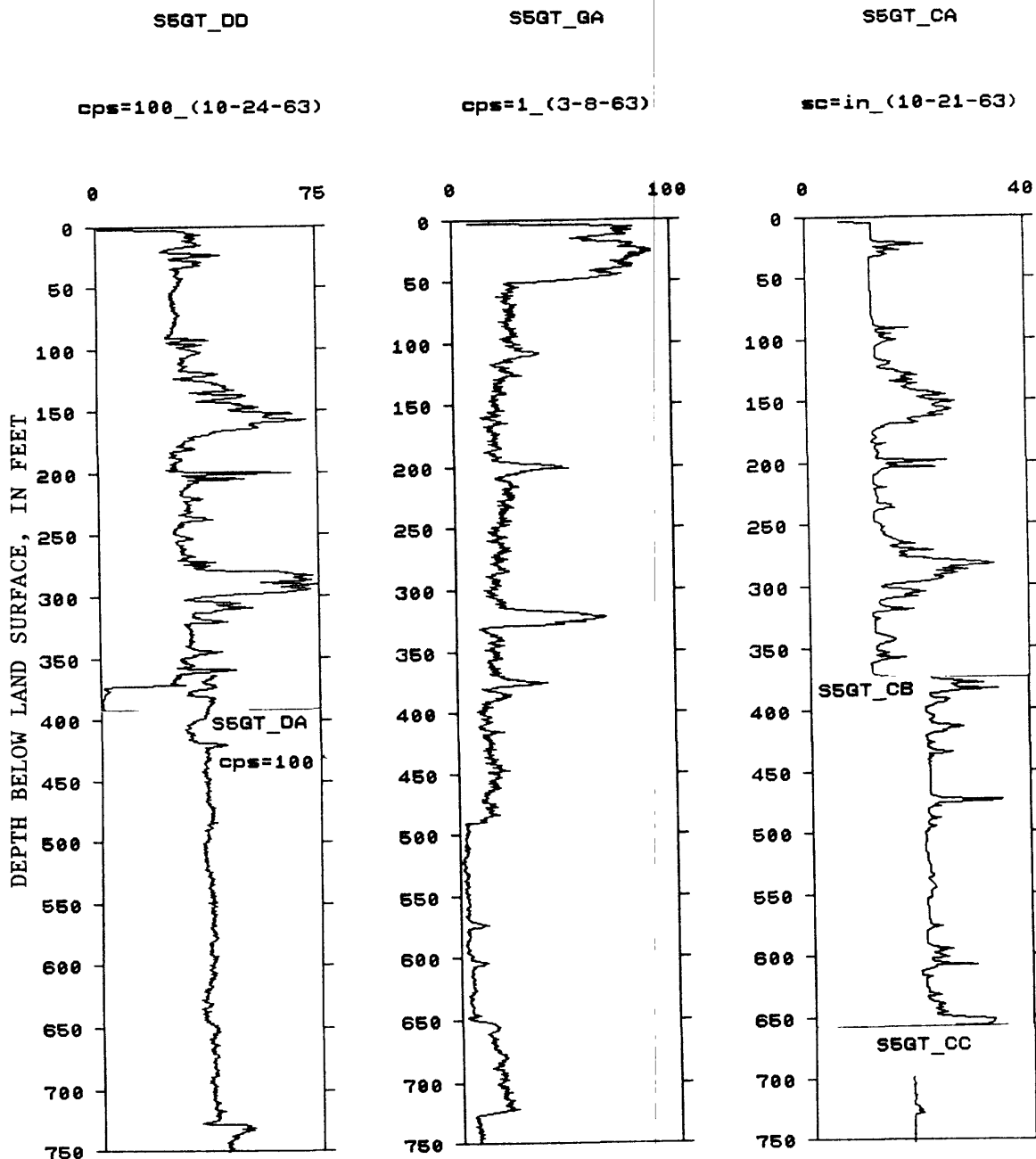
County: Butte

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Caliper log shown is a combination of 2 digitized logs. Line break separates 891D\_CA and 891D\_CB.



Well identifier: S5G-Test                      Altitude: 4849 ft  
 Well location: 04N-30E-30add1              Depth of well: --  
 Latitude and longitude: 433844 1125502      Depth of hole: --  
 Site identifier: --                      Total depth logged: 1325 ft  
 County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Density log shown is a combination of 3 digitized logs. Line breaks separate S5GT\_DD, S5GT\_DA, and S5GT\_DB. Caliper log shown is a combination of 6 digitized logs. Line breaks separate S5GT\_CA, S5GT\_CB, S5GT\_CC, S5GT\_CD, S5GT\_CE, and S5GT\_CF. Digitized logs continued on the next page.





S5GT\_DA--Continued

S5GT\_GA--Continued

S5GT CC--Continued

cps=100\_(10-26-62)

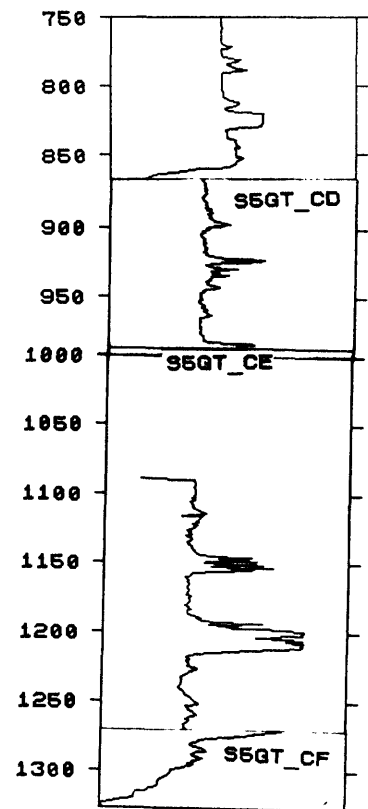
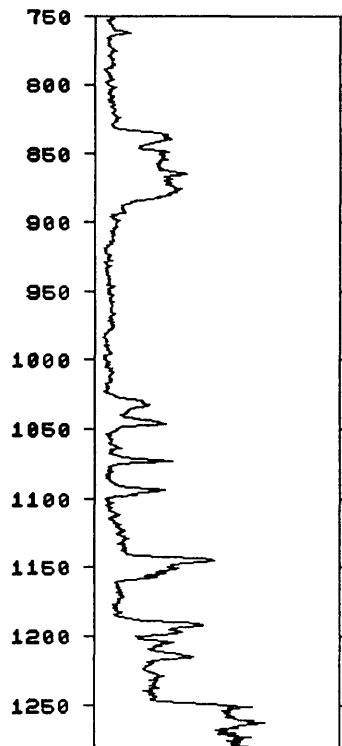
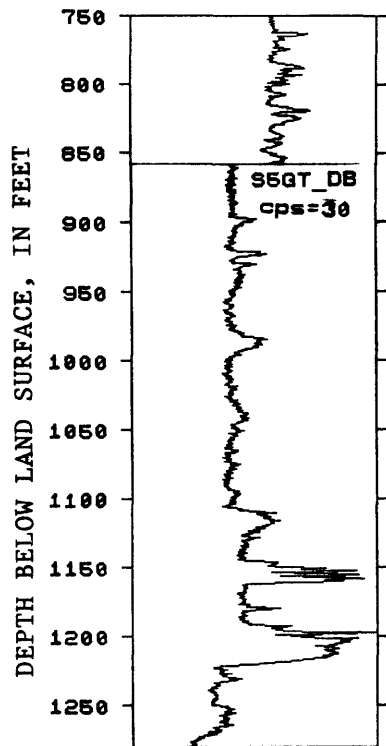
cps=1\_(3-8-63)

sc=in\_(11-1-62)

0 75

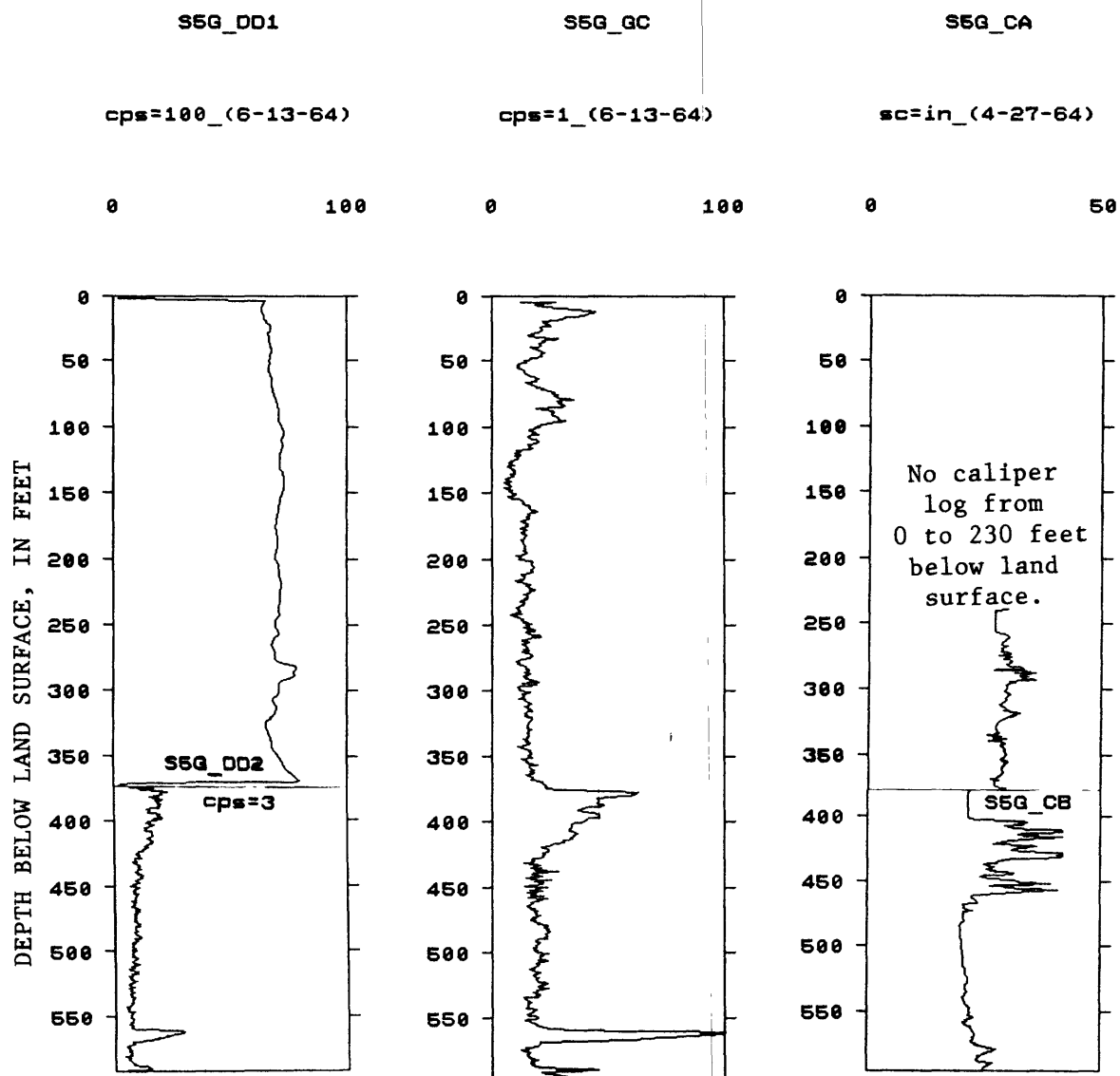
0 100

0 40



Well identifier: S5G-2 Altitude: 4849 ft  
 Well location: 04N-30E-30add2 Depth of well: --  
 Latitude and longitude: 433844 1125503 Depth of hole: --  
 Site identifier: -- Total depth logged: 599 ft  
 County: Butte

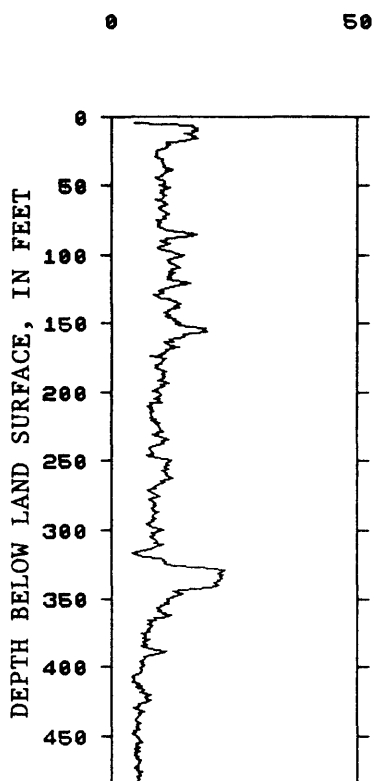
Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 7. Digitized and processed logs are on disk 8. Density log shown was digitized at 2 different scales--cps=100,3. Line break indicates change in scale. Caliper log shown is a combination of 2 digitized logs. Line break separates S5G\_CA and S5G\_CB.



Well identifier:	SITE-4	Altitude:	4795 ft
Well location:	03N-30E-08bdal	Depth of well:	495 ft
Latitude and longitude:	433618 1125420	Depth of hole:	495 ft
Site identifier:	433617112542001	Total depth logged:	489 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11. Also called AEC-APW-SITE-4.		

**AECs4\_GB**

**sc=.005\_(1-9-61)**



Well identifier:	SITE-6	Altitude:	4837 ft
Well location:	04N-30E-26cca1	Depth of well:	523 ft
Latitude and longitude:	433826 1125106	Depth of hole:	523 ft
Site identifier:	433826112510701	Total depth logged:	523 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 9. Density log shown was digitized at 2 different scales--cps=100,30. Line break indicates base of upper logged interval.

# SIT6\_DA1

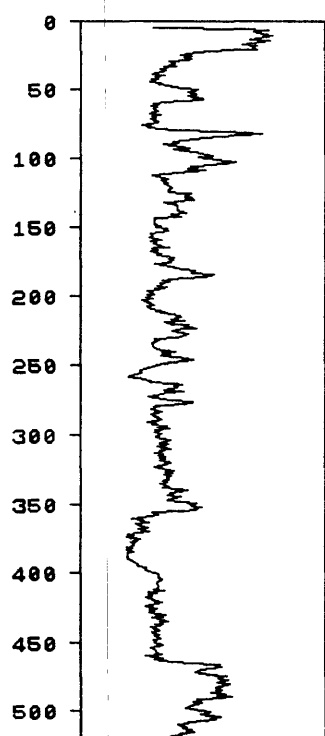
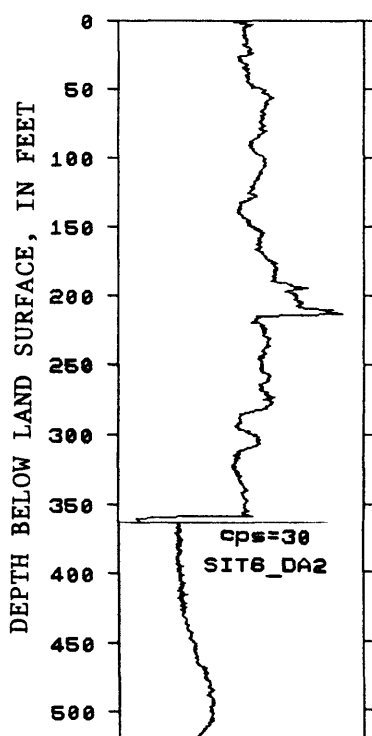
# SIT6\_GB

cps=100\_(8-30-63)

sc=.0025\_(8-11-61)

0 100

0 50



Well identifier: SITE-9                      Altitude: 4923 ft  
 Well location: 02N-30E-04dccc1              Depth of well: 1057 ft  
 Latitude and longitude: 433123 1125301      Depth of hole: 1131 ft  
 Site identifier: 433123112530101            Total depth logged: 1061 ft  
 County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 8. Digitized and processed  
 logs are on disk 10. Density log shown was digitized at 2 different  
 scales--cps=100,30. Line break indicates base of upper logged interval.  
 Digitized logs continued on the next page.

SIT9\_DC1

SIT9\_GC

SIT9\_CA

cps=100\_(7-19-63)

cps=1\_(6-13-63)

sc=in\_(8-13-70)

0

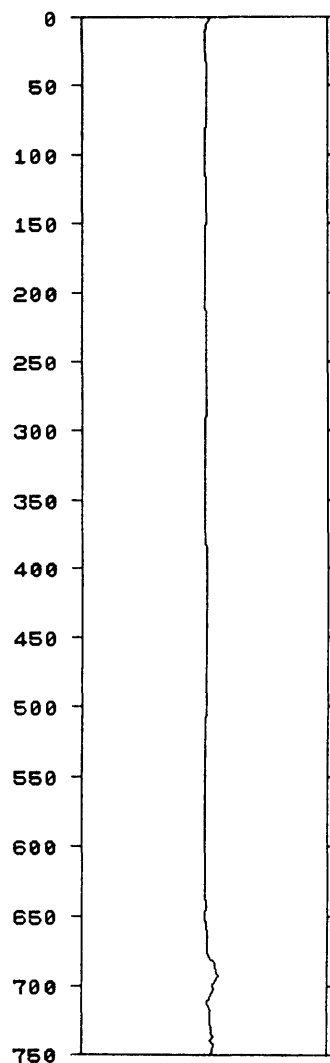
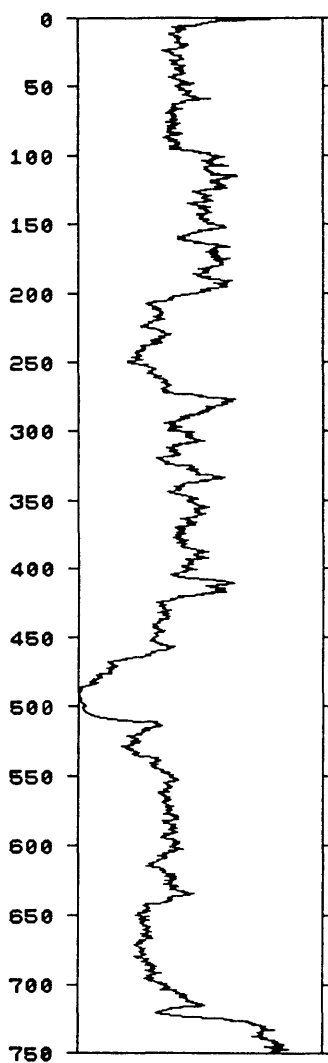
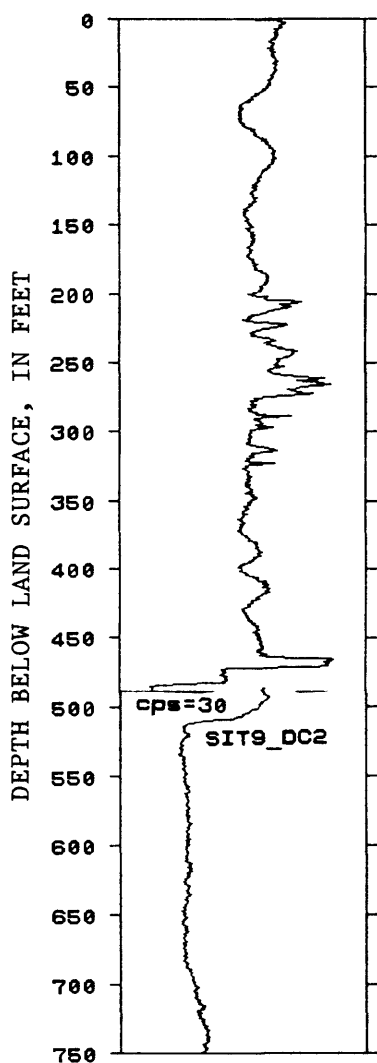
105

0

75

0

20



SIT9\_DC2--Continued

SIT9\_GC--Continued

SIT9\_CA--Continued

cps=30\_(7-19-63)

cps=1\_(6-13-63)

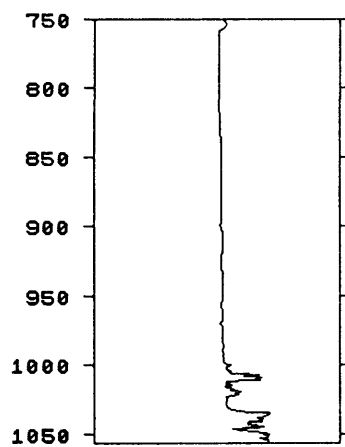
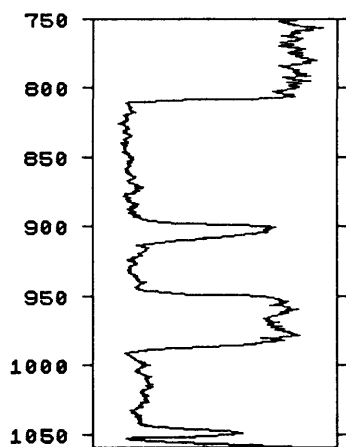
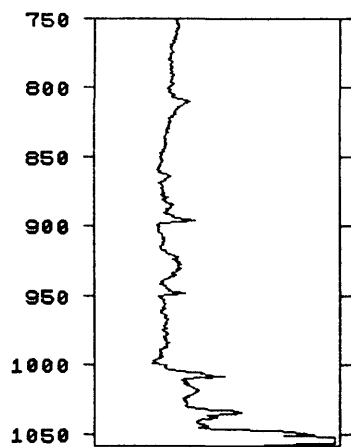
sc=in\_(8-13-70)

DEPTH BELOW LAND SURFACE, IN FEET

0 105

0 75

0 20



Well identifier:	SITE-14	Altitude:	4795 ft
Well location:	05N-31E-28ccc1	Depth of well:	717 ft
Latitude and longitude:	434335 1124631	Depth of hole:	717 ft
Site identifier:	434334112463101	Total depth logged:	717 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 10. Density log shown is a combination of 2 digitized logs. Line break separates SIT14DD1 and SIT14DD2.		

SIT14DD1

SIT14\_GC

SIT14\_CA

cps=100\_(10-2-63)

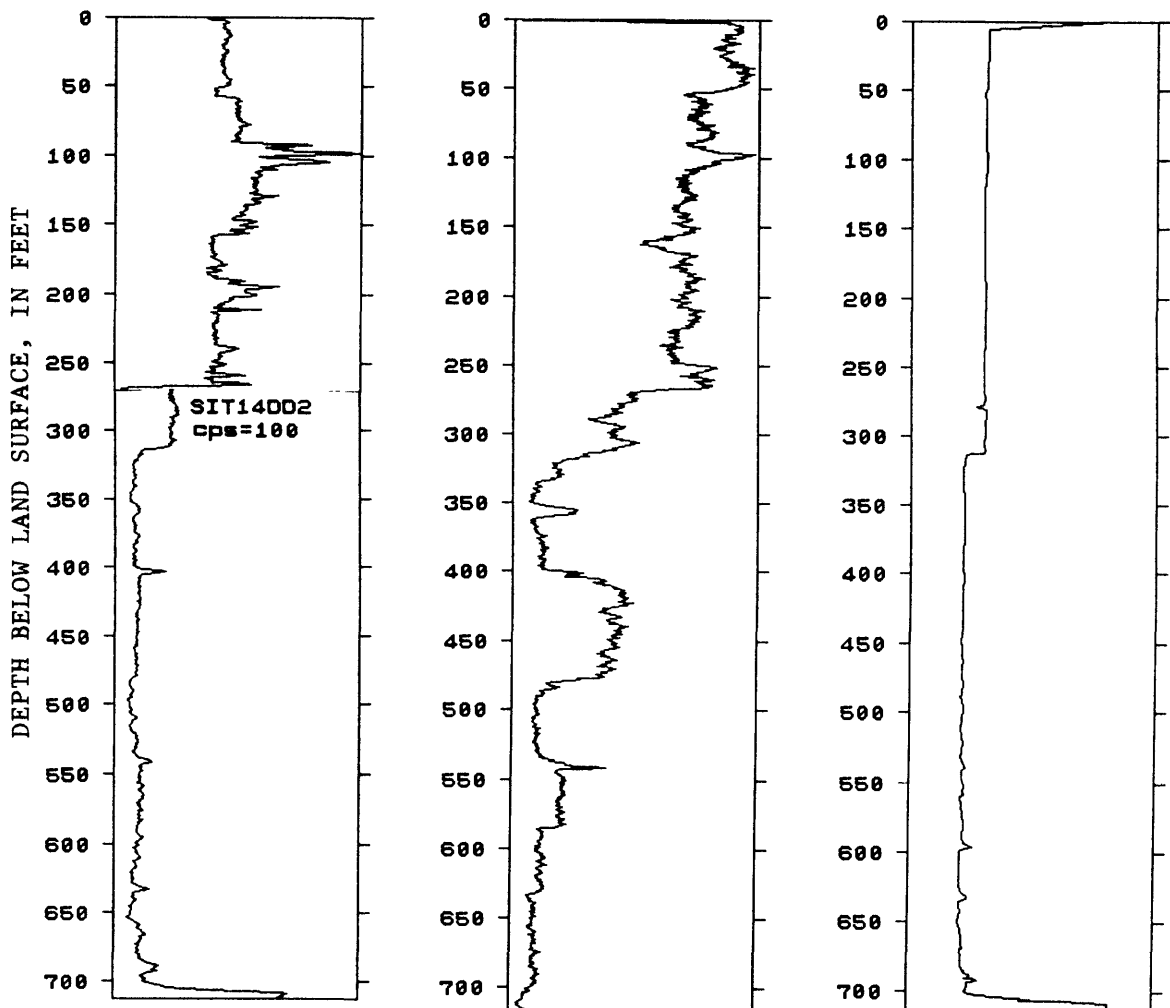
cps=1\_(10-2-63)

sc=in\_(10-11-60)

0 100

0 105

0 40



Well identifier: SITE-16                      Altitude: 5122 ft  
 Well location: 03N-32E-13bbd1              Depth of well: 758 ft  
 Latitude and longitude: 433546 1123915      Depth of hole: 758 ft  
 Site identifier: 433545112391501            Total depth logged: 758 ft

County: Bingham

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 8. Digitized and processed  
 logs are on disk 10.

SIT16\_NA

SIT16GGA

SIT16\_GB

cr=1k\_(8-21-86)

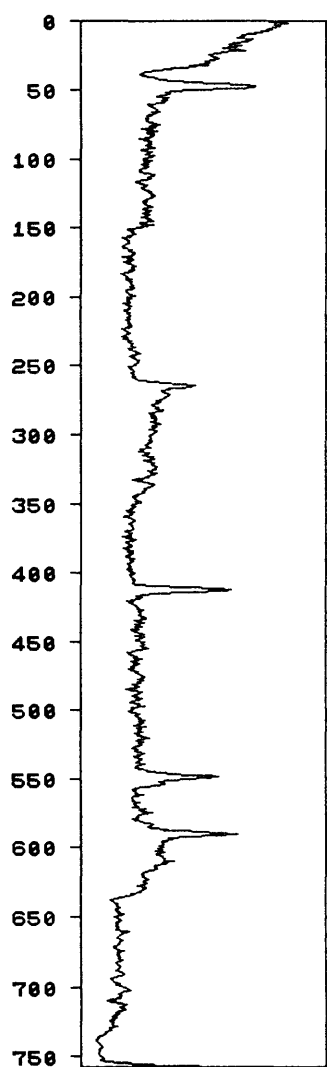
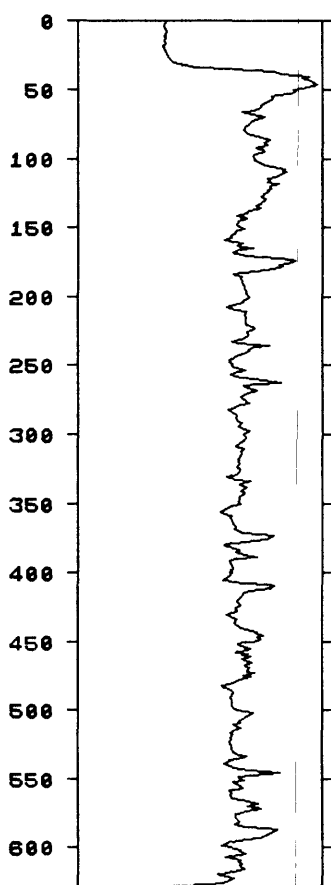
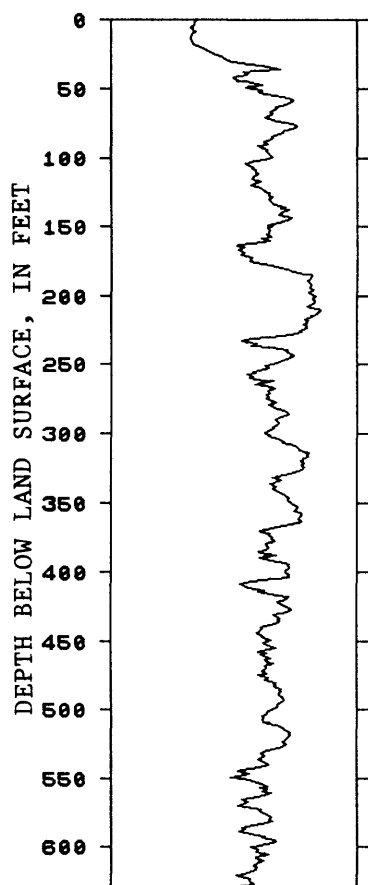
cr=2.5k\_(8-21-86)

cps=1\_(6-25-64)

0 75

0 100

0 75





Well identifier: SITE-17 Altitude: 4880 ft  
 Well location: 04N-29E-14caal Depth of well: 600 ft  
 Latitude and longitude: 434027 1125757 Depth of hole: 600 ft  
 Site identifier: 434027112575701 Total depth logged: 585 ft  
 County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 8. Digitized and processed  
 logs are on disk 10. Density log shown is a combination of 2 digitized  
 logs. Line break separates SIT17DB1 and SIT17DB2.

SIT17DB1

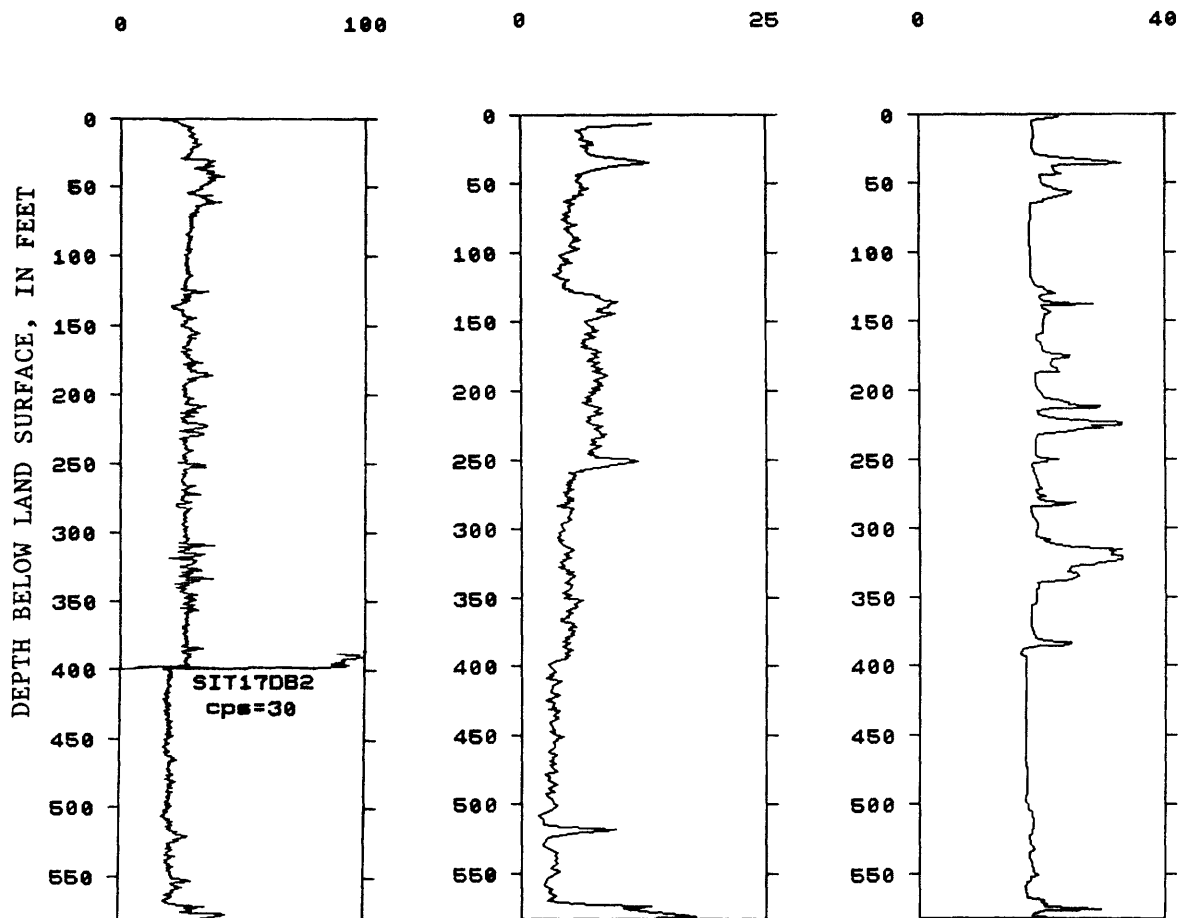
SIT17\_GB

SIT17\_CA

cps=100\_(4-9-63)

sc=.005\_(1-11-61)

sc=in\_(8-12-60)



Well identifier: SITE-19 Altitude: 4923 ft  
 Well location: 03N-29E-14bcb1 Depth of well: 865 ft  
 Latitude and longitude: 433522 1125821 Depth of hole: 865 ft  
 Site identifier: 433522112582101 Total depth logged: 865 ft  
 County: Butte

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
 Digitized and unprocessed logs are on disk 8. Digitized and processed  
 logs are on disk 10. Density log shown was digitized at 2 different  
 scales--cps=10,1. Line break indicates base of upper logged intervals.

# SIT19DA1

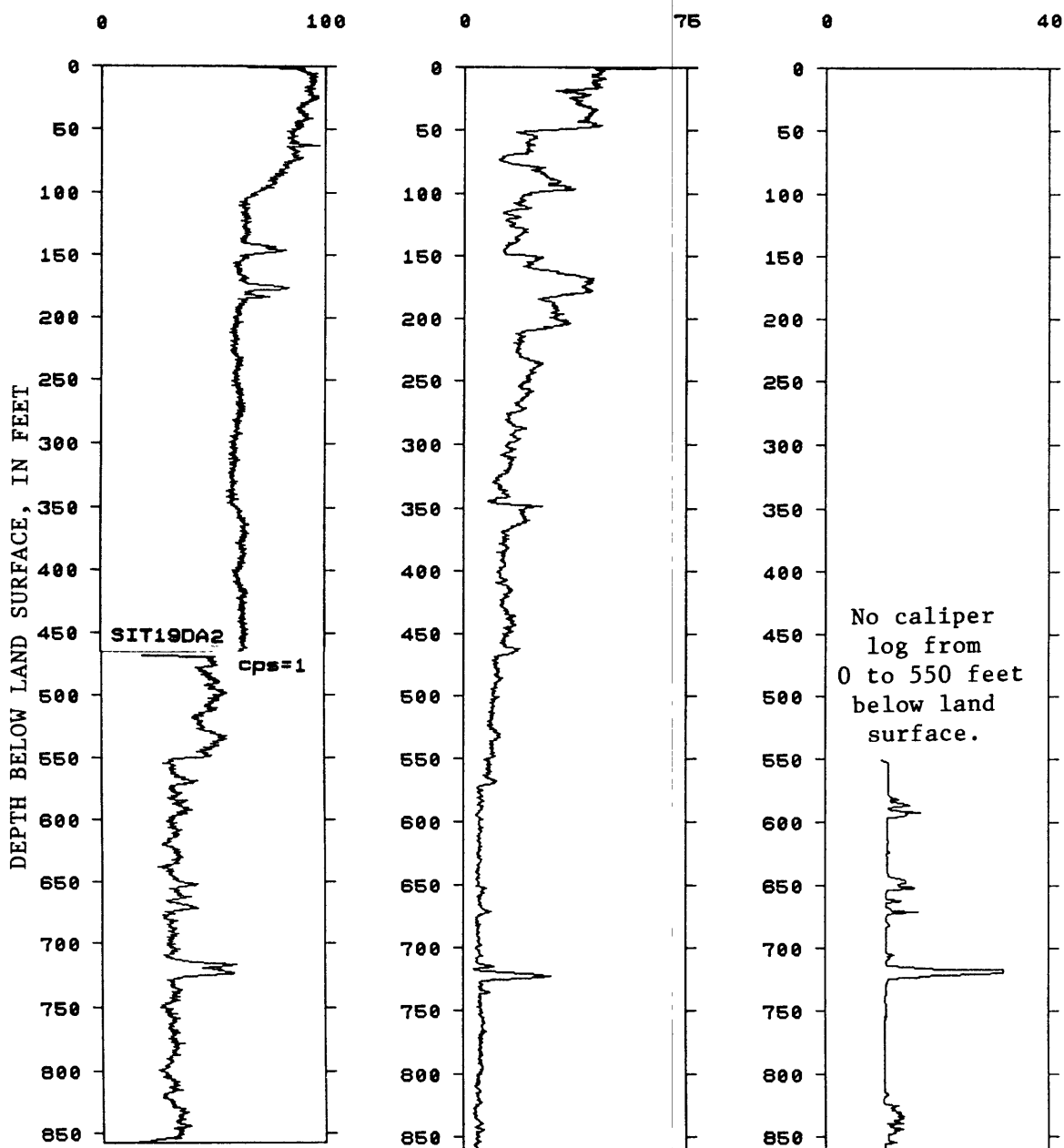
# SIT19\_GB

# SIT19\_CA

cps=10\_(4-8-63)

cps=100\_(10-5-61)

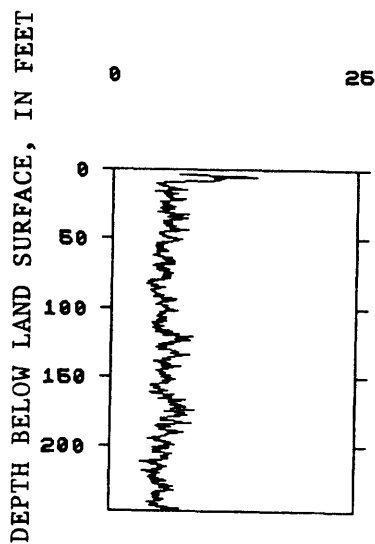
sc=in\_(9-13-60)



Well identifier:	Sdd-1	Altitude:	4910 ft
Well location:	03N-30E-34bca1	Depth of well:	--
Latitude and longitude:	433247 1125216	Depth of hole:	--
Site identifier:	--	Total depth logged	253 ft
County:	Butte		
Remarks:	Additional digitized logs are available (see Table 1). Digitized Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 11. SPERT drainage disposal well.		

SPT1\_gb

cr=100\_(2-6-80)



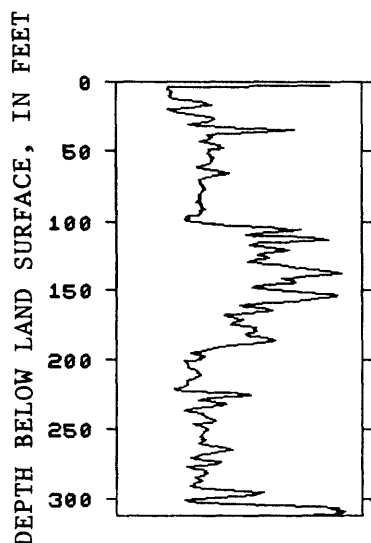
Well identifier:	Sdd-2	Altitude:	4910 ft
Well location:	03N-30E-34cca1	Depth of well:	--
Latitude and longitude:	433223 1125222	Depth of hole:	--
Site identifier:	--	Total depth logged:	322 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1).  
Digitized and unprocessed logs are on disk 8. Digitized and processed  
logs are on disk 11. SPERT drainage disposal well.

### SPT2\_DC

cps=100\_(9-11-63)

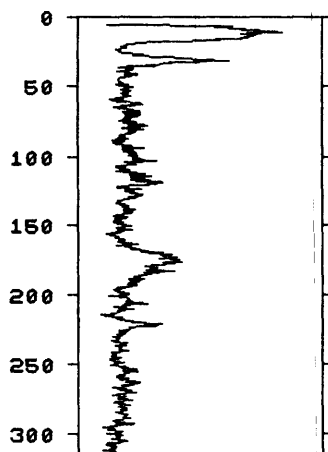
0 100



### SPT2\_GC

cr=100\_(2-15-80)

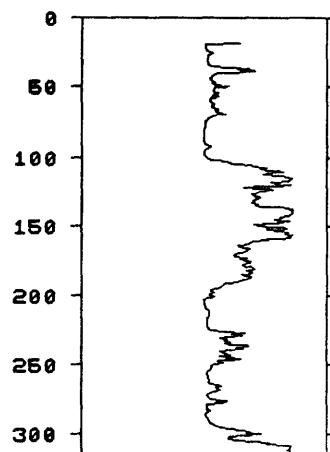
0 25



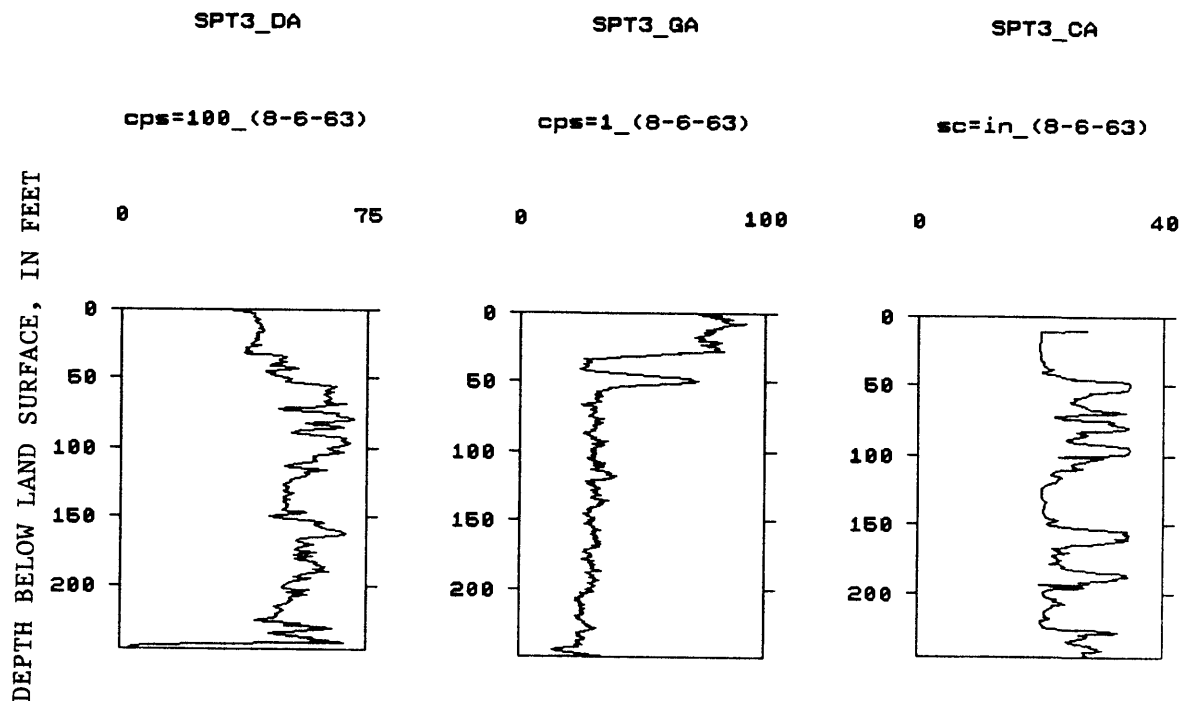
### SPT2\_CB

sc=in\_(9-25-63)

0 40



Well identifier:	Sdd-3	Altitude:	4911 ft
Well location:	02N-29E-aab1	Depth of well:	--
Latitude and longitude:	433204 1125245	Depth of hole:	--
Site identifier:	--	Total depth logged:	249 ft
County:	Butte		
Remarks:	Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 11. SPERT drainage disposal well.		



Well identifier:	SPERT-IV	Altitude:	4924 ft
Well location:	03N-30E-34acbl	Depth of well:	1217 ft
Latitude and longitude:	433246 1125151	Depth of hole:	1217 ft
Site identifier:	433247112515201	Total depth logged:	1202 ft
County:	Butte		

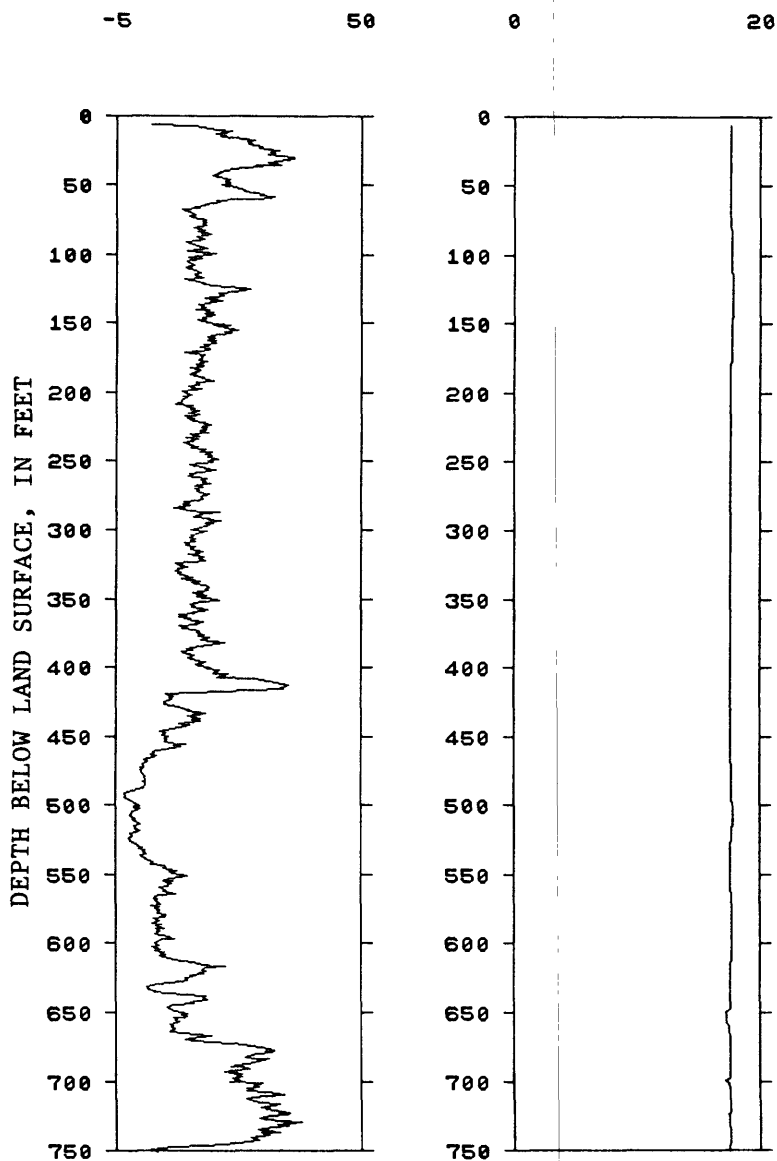
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 8. Digitized and processed logs are on disk 11. Digitized logs continued on the next page.

SPT4\_GB

SPT4\_CA

sc=.0025\_(E-6-60)

sc=in\_(4-18-60)

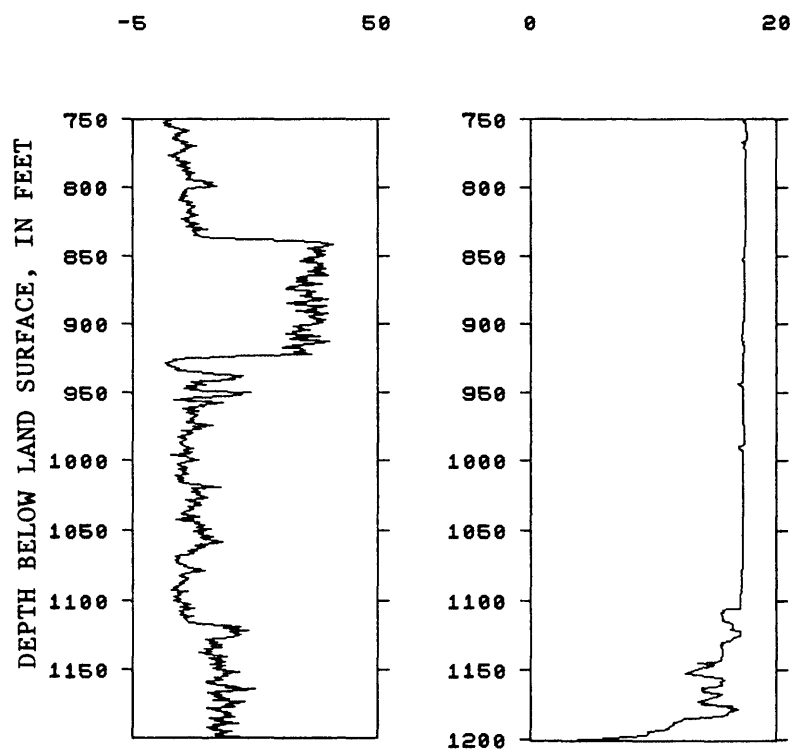


SPT4\_GB--Continued

SPT4\_CA--Continued

sc=.0025\_(5-6-60)

sc=in\_(4-18-60)



Well identifier:	STFA	Altitude:	4790 ft
Well location:	06N-32E-26cab1	Depth of well:	577 ft
Latitude and longitude:	434909 1124004	Depth of hole:	681 ft
Site identifier:	434909112400401	Total depth logged:	680 ft
County:	Jefferson		

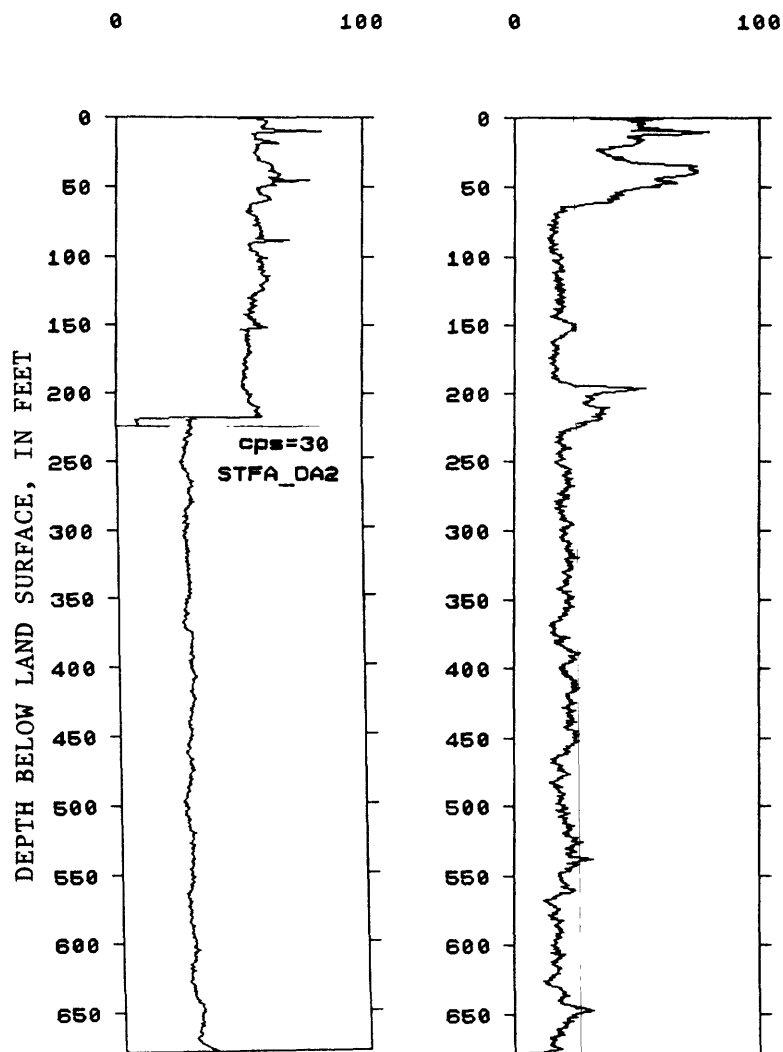
Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Also called ANP-10. Density log shown was digitized at 2 different scales--cps=100,30. Line break indicates base of upper logged interval.

STFA\_DA1

STFA\_GC

cps=100\_(8-2-63)

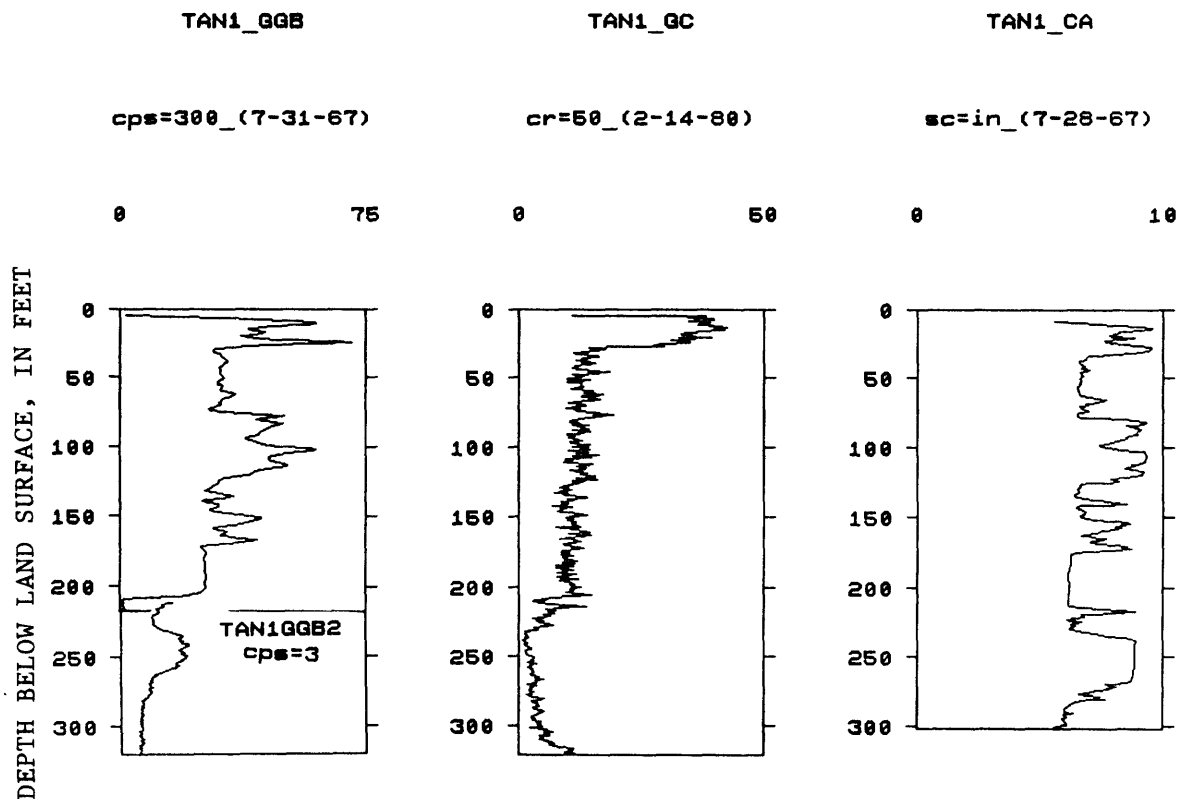
cps=1\_(11-7-63)





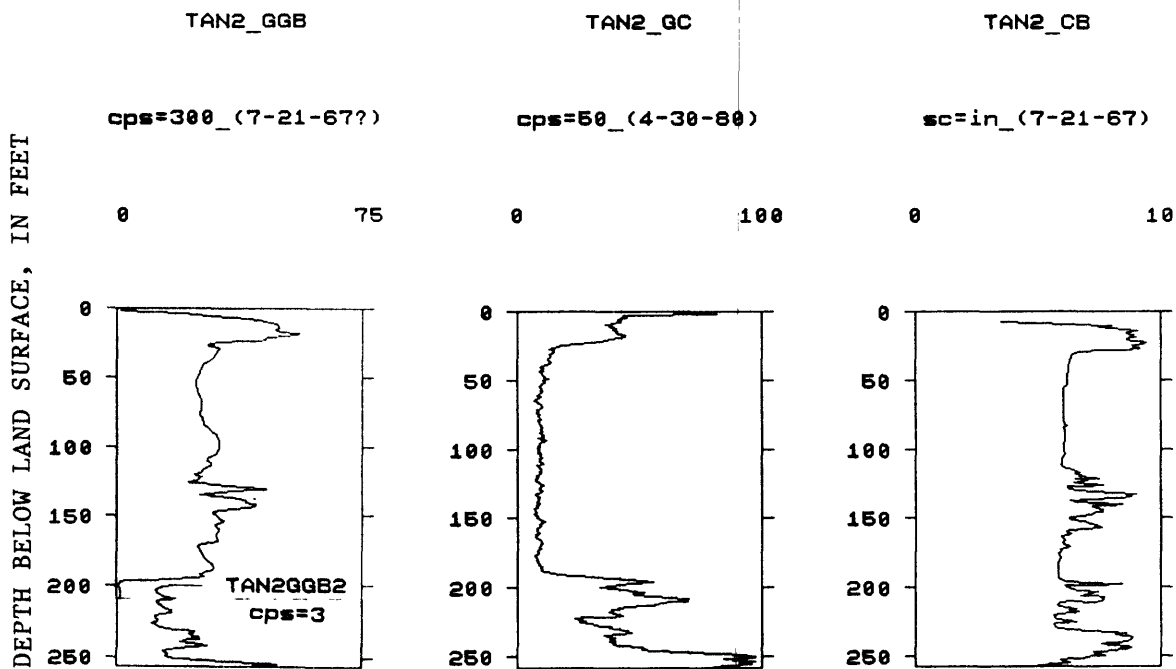
Well identifier:	TAN-dd1	Altitude:	4790 ft
Well location:	06N-31E-13bdc1	Depth of well:	--
Latitude and longitude:	435042 1124209	Depth of hole:	--
Site identifier:	435042112420901	Total depth logged:	325 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 5, 10. Digitized and processed logs are on disks 6, 12. Gamma-gamma log shown was digitized at 2 different scales--cps=300,3. Line break indicates base of upper logged interval.



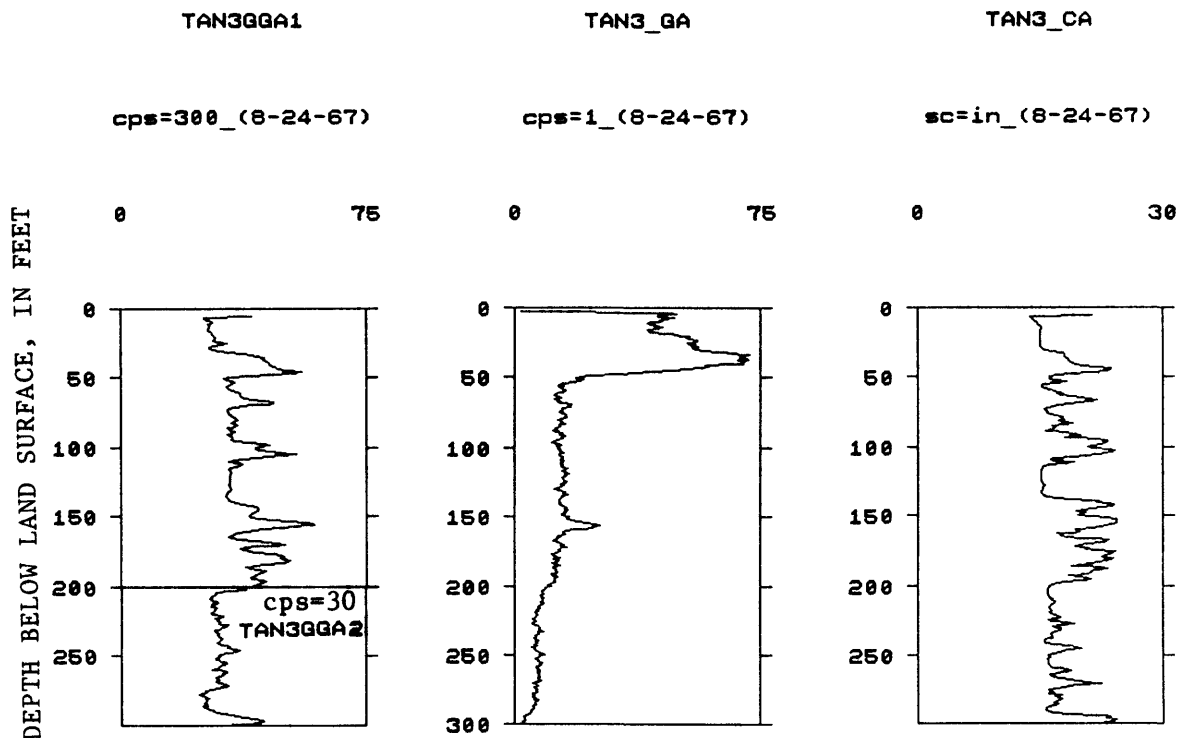
Well identifier:	TAN-dd2	Altitude:	4780 ft
Well location:	06N-31E-13cab2	Depth of well:	--
Latitude and longitude:	435054 1124232	Depth of hole:	--
Site identifier:	4350541124232	Total depth logged:	260 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disks 5, 10. Digitized and processed logs are on disks 6, 12. Gamma-gamma log shown was digitized at 2 different scales--cps=100,3. Line break indicates base of upper logged interval.



Well identifier:	TAN-3 (Disp)	Altitude:	4786 ft
Well location:	06N-31E-14aabl	Depth of well:	--
Latitude and longitude:	435116 1124303	Depth of hole:	--
Site identifier:	435116112430301	Total depth logged:	301 ft
County:	Butte		

Remarks: Additional digitized and undigitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 5. Digitized and processed logs are on disk 6. Gamma-gamma log shown was digitized at 2 different scales--cps=300,30. Line break indicates base of upper logged interval.



Well identifier:	TW-1	Altitude:	5010 ft
Well location:	02N-29E-18acc3	Depth of well:	--
Latitude and longitude:	433002 1130237	Depth of hole:	--
Site identifier:	--	Total depth logged:	233 ft

County: Butte

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 2. Digitized and processed logs are on disk 2. No caliper log from 0 to 95 feet below land surface.

TW\_1\_NA

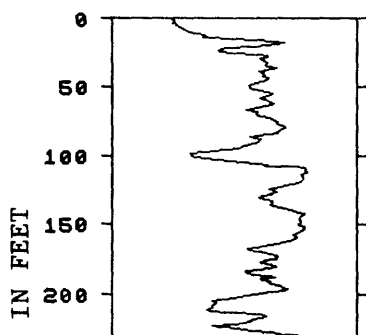
TW\_1GGA

cr=1k\_(6-25-87)

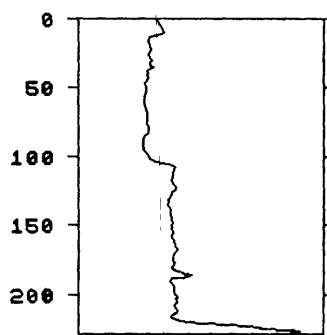
cr=5k\_(6-25-87)

0 75

0 100



TW\_1\_GA



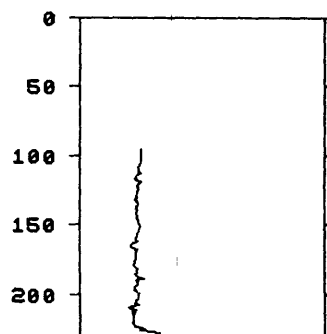
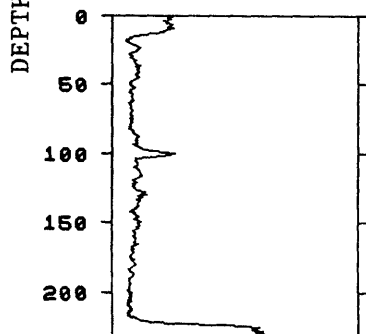
TW\_1\_CA

cr=50\_(6-25-87)

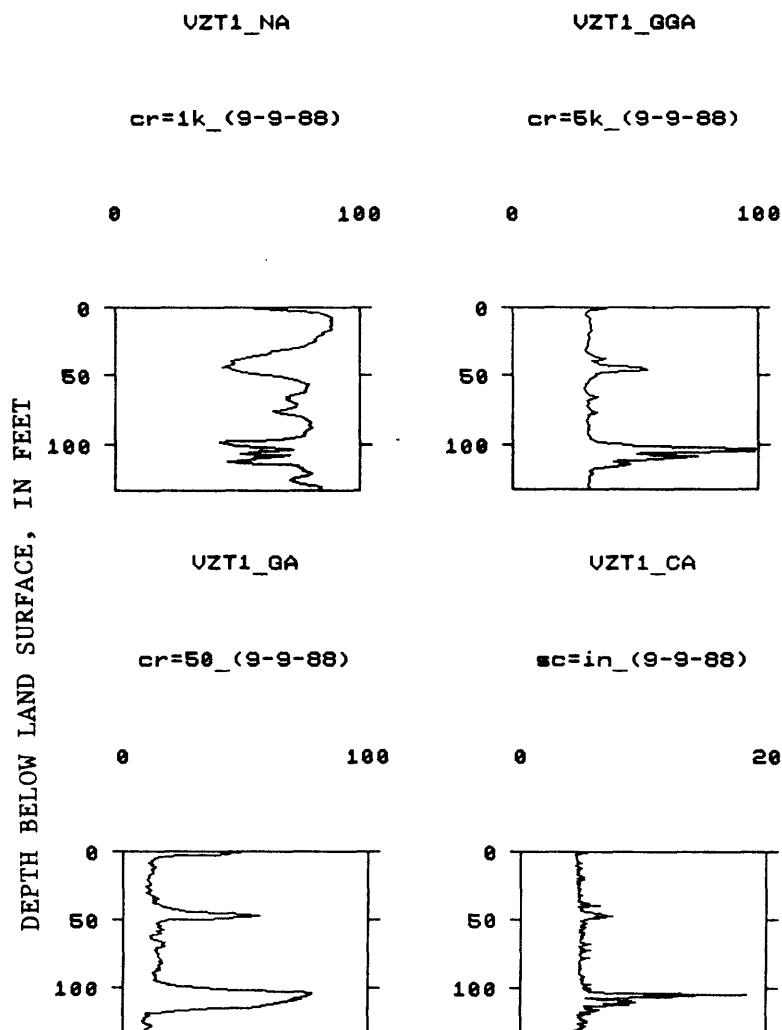
in\_(6-25-87)

0 100

0 20



Well identifier:	VZT-1	Altitude:	5018 ft
Well location:	02N-29E-18acbl	Depth of well:	--
Latitude and longitude:	433014 1130242	Depth of hole:	--
Site identifier:	--	Total depth logged:	134 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 11.		



Well identifier: WWW-1 (VZ6) Altitude: 5036 ft  
 Well location: 02N-28E-13add2 Depth of well: --  
 Latitude and longitude: 433003 1130333 Depth of hole: --  
 Site identifier: -- Total depth logged: 257 ft  
 County: Butte

Remarks: Additional digitized logs are available (see Table 1). Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 1. Also called VZ6. VZ6 had additional logs digitized and are on disk 8 and 10, respectively.

VZ61\_NA

VZ61\_GGA

cr=2.5k\_(11-3-83)

cr=10k\_(11-3-83)

0 75

0 75



W3-1\_GA

W3-1\_CA

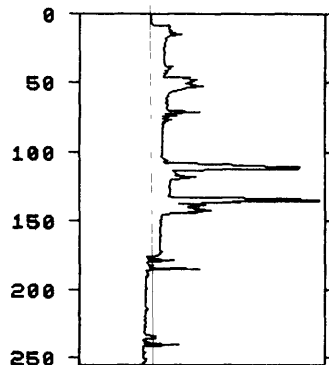
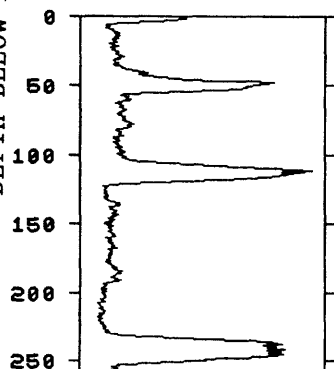
cr=50\_(9-8-87)

in\_(9-8-87)

0 75

0 20

DEPTH BELOW LAND SURFACE, IN FEET



Well identifier:	WW-2	Altitude:	5036 ft
Well location:	02N-28E-13add3	Depth of well:	--
Latitude and longitude:	433003 1130334	Depth of hole:	--
Site identifier:	--	Total depth logged:	121 ft
County:	Butte		
Remarks:	Digitized and unprocessed logs are on disk 9. Digitized and processed logs are on disk 1.		

