SAMPLE LOG

ATV Sample Log

Dive #: ATV 177

Laney Chouest
August 21-23, 1996

Sample Number	Date (GMT)	Time (GMT)	Depth (ft)	Depth (m)	Lat (N)	Long (W)	Comments	Scientist
ATV177-1R	22-Aug	1540	11209	3416	44 12.7799	129 38.4531	Altered pillow, put in basket B	Christie
ATV177-2C	22-Aug	1624	11350	3459	44 12.6987	129 38.4345	Highly altered outcrop (orange-brown), core tube 10	Hein
ATV177-3C	22-Aug	1642	11350	3459	44 12.765	129 38.318	Sediments, core tube 11, Navigation data questionable	Wheat
ATV177-4H	22-Aug	1651	11350	3459	44 12.7242	129 38.4008	Heat flow in sediments, begin:1651 end:1707, cold, Gradient 61 milideg C/m	Langseth
ATV177-5H	22-Aug	2203	11170	3404	44 12.7678	129 38.4975	Heat flow in sediments, begin: 2200 end: 2210, all sensors rose to ~35 deg C	Langseth
ATV177-6N	22-Aug	2255	11170	3404	44 12.7723	129 38.4885	Water sample, red Niskin bottle	Lupton
ATV177-7C	22-Aug	2259	11175	3406	44 12.7798	129 38.5167	Core tube 12, sediment on outside of core barrel, repeated penetration of core	Moyer
	22-Aug	2315	11175	3406	44 12.7880	129 38.4683	PARTY HAT #2 w/MTR #202, puffs of hot water or mud coming from party hat	
	22-Aug	2321	11175	3406	44 12.7775	129 38.4712	MARKER #20, marking party hat location	
ATV177-8C	22-Aug	2356	11173	3405	44 12.7835	129 38.4560	Core tube 9, sediments	Hein
ATV177-9R1	23-Aug	0214			44 12.6988	129 38.4453	rock from barite mound, put in basket A	Hein
ATV177-9R2	23-Aug	0217	11237	3425	44 12.7660	129 38.4552	DOESN'T EXIST rock, same as 9R1	Hein
	23-Aug	0234	11318	3450	44 12.7553	129 38.4497	MARKER #25 deployed, Alt. = 5 ft.	
ATV177-10T	23-Aug	0253	11217	3419	44 12.72184	129 38.3411	Temperature, high 47.8 deg, bad navigation data (?)	
ATV177-10H	23-Aug	0308			44 12.7623	129 38.5039	Heat flow, bad navigation data (?), hot, gradient 49 deg C/m, no conductivity (K)	Langseth
ATV177-11C	23-Aug				44 12.7805	129 38.3608	Core, core tube 1, at same mat site, double cored	Moyer
ATV177-12C	23-Aug	0337					Core tube 7, same site as previous sample, navigation data bad	Wheat
ATV177-13BC	23-Aug	0351	11216	3418	44 12.7980	129 38.3513	Box core in big bacterial mat (same site)	Moyer
ATV177-14R	23-Aug	0437	11214	3418	44 12.9038	129 38.4336	Rock sample, crumbly - mineralized	Hein

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ATV177-15H	23-Aug	0450	11213	3418	44 12.8914	129 38.4308	Heat flow, 0450-0504, Low heat flow = 158mW/m2, gradient = 172 milideg C/m, Good conductivity	Langseth
ATV177-16H	23-Aug	0539	11204	3415	44 12.8212	129 38.3558	Heat flow, 0538-0554, Highest gradient measured = 87 deg C/m	Langseth

VIDEO LOGS

ATV 8mm Video Log

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	DATE	BEGIN	DATE	END	Comments
TAPE ID	JD	TIME	JD	TIME	
ATV177-1	22-Aug	0913	22-Aug	1114	start at 100m off bottom
ATV177-2	22-Aug	1114	22-Aug	1327	
ATV177-3	22-Aug	1327	22-Aug	1530	
ATV177-4	22-Aug	1531	22-Aug	1735	include sampling stations
ATV177-5	22-Aug	1736	22-Aug	1939	
ATV177-6	22-Aug	1940	22-Aug	2143	possible mound site at end of tape
ATV177-7	22-Aug	2144	22-Aug	2348	Mound site at beginning of tape
ATV177-8	22-Aug	2349	23-Aug	0147	Includes mound site from 94 Cam tow
ATV177-9	23-Aug	0147	23-Aug	0346	
ATV177-10	23-Aug	0346	23-Aug	0545	
ATV177-11	23-Aug	0545	23-Aug	0729	End dive

ATV VHS Video Log

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	DATE	BEGIN	DATE	END	
TAPE ID	JD	TIME	JD	TIME	Comments
ATV177-1	22-Aug	0913	22-Aug	1114	~100 m off bottom beginning approach
ATV177-2	22-Aug	1114 or 1337	22-Aug	1412	Cut some in middle
ATV177-3	22-Aug	1417	22-Aug	1622	
ATV177-4	22-Aug	1623	22-Aug	1825	Includes sampling stations
ATV177-5	22-Aug	1826	22-Aug	2029	Includes sampling stations
ATV177-6	22-Aug	2029	22-Aug	2234	
ATV177-7	22-Aug	2234	23-Aug	0033	Includes mound area
ATV177-8	23-Aug	0033	23-Aug	0235	
ATV177-9	23-Aug	0235	23-Aug	0434	
ATV177-10	23-Aug	0434	23-Aug	0634	
ATV177-11	23-Aug	0634	23-Aug	0729	End Dive