

Activity ID: W-1-06-MB				USGS CMG FACS Operation Log						
Equipment Code	ID	Start Day	Start Hour	Start Min	Start Comment	End Day	End Hour	End Min	End Comment	Depth (meters)
ROV	Dive 971	117	22	38	Dive 971 Tiburon ROV in upper Ano Nuevo Cyn Trip Niskins 5m altitude	118	00	24	Leave bottom	Variable see samples
VC	971-VC28	117	23	20	Long barrel (6 ft)	117	23	25	Hard substrate (talus block at ~30 cm depth; switch out barrels for next station	1061.5
VC	971-VC29	117	23	49	Long barrel (6 ft)	117	23	54	Full stroke; vibrate all but first ~30 cm	1056.9
ROV	Dive 972	118	14	07	Dive 972 Tiburon ROV in upper Pioneer Canyon, north branch. Trip Niskins 5m altitude	118	16	05	Leave bottom	Variable see samples
VC	972-VC30	118	14	21	Long barrel (6 ft)	118	14	31	Full stroke but stiff sediment and catcher fingers inverted. Some core loss?; switch out barrels for next station	453
VC	972-VC31	118	15	07	Long barrel (6 ft)	118	15	27	Slow going, maybe 2/3 stroke.	451.7
PC	972-50	118	15	56	Push core for stratigraphy	118	16	02	Core saved in barrel	449.8
ROV	Dive 973	118	17	40	Dive 973 Tiburon ROV in upper Pioneer Canyon, south branch. Trip Niskins 5m altitude	118	19	08	Leave bottom immediately after finishing VC 33.	Variable see samples
VC	973-VC32	118	17	53	Long barrel (6 ft)	118	18	05	Very short stroke in stiff sediment. Switch out barrels for next station	458.3
VC	973-VC33	118	18	59	Long barrel (6 ft)	118	19	08	Full stroke.	442.7

ROV	Dive 974	118	21	35	Dive 974 Tiburon ROV in Pioneer Canyon. Trip Niskins 5m altitude	119	00	32	Leave bottom.	Variable see samples
VC	974-VC34	118	21	45	Long barrel (6 ft)	118	21	54	Full stroke with last last 50 cm in stiff sediment. Switch out barrels for next station	1128
VC	974-VC35	118	22	36	Long barrel (6 ft)	118	22	45	About 80% stroke. Site is in thalweg.	1130
PC	974-PC66	118	22	53	Horizontal PC into steep face of outcrop of shaley sediment	118	22	57		1117
PC	974-PC53	118	22	59	Horizontal PC into steep face of outcrop of shaley sediment	118	23	04		1107
PC	974-PC80	118	23	07	Horizontal PC into steep face of outcrop of shaley sediment	118	23	10		1085
RX	7954-RX1	118	23	11	On south wall; place in right front corner of basket	118	23	14	Was float; outcrop may be at 1077m depth	1080
PC	974-PC79	118	23	21	Horizontal PC into steep face of outcrop of shaley sediment	118	23	23		1068
RX	794-RX2	118	23	25	On south wall; place in back right corner of basket	118	23	26		1061
RX	794-RX3	118	23	32	On south wall; place in back right corner of basket	118	23	33		1053
RX	794-RX4	118	23	35	On south wall; place in back on top of other samples in basket	118	23	36		1049
PC	974-PC43	118	23	40	Horizontal PC into steep face of outcrop of shaley sediment	118	23	42		1037
RX	794-RX5	118	23	49	On south wall; place in left front of basket	118	23	51		1013

PC	974-PC57	118	23	54	Horizontal PC sloping outcrop of shaley sed.	118	23	55		994
RX	794-RX6	118	23	59	<i>On south wall; place middle of PC traysw</i>	119	00	00		985
PC	974-PC54	119	00	05	Vertical PC on modest slope to get older sediment below	119	00	06	This PC is to be treated as a horizontal PC	974
PC	974-PC63	119	00	13	Vertical PC on modest slope to get older sediment below	119	00	14	This PC is to be treated as a horizontal PC	938
ROV	Dive 975	119	13	49	Dive 975 Tiburon ROV in un-named gulley north of Pioneer Canyon. Trip Niskins 5m altitude	119	15	46	Leave bottom.	Variable see samples
PC	975-PC76	119	13	54	Push core for stratigraphy (in gray clay)	119	13	59	PC to be logged before splitting	434
VC	975-VC36	119	14	00	Long barrel (6 ft)	119	14	12	About 70% stroke with last 50 cm in stiff sediment. Switch out barrels for next station	434
VC	975-VC37	119	15	20	Long barrel (6 ft)	119	15	31	Short stroke, maybe 50 cm in stiff sediment.	412.6
PC	975-PC59	119	15	42	Horizontal PC sloping outcrop of shaley sed.	119	15	44		399
ROV	Dive 976	119	20	04	Dive 976 Tiburon ROV in Pioneer Canyon; deepest dive here this cruise. Trip Niskins 5 m altitude	119	22	30	Leave bottom. Last 70 minutes of dive spent trying to sample vertical north canyon wall scarp	Variable see samples
VC	976-VC38	119	20	17	Long barrel (6 ft)	119	20	20	Full stroke, vibration for last half..	1620
VC	976-VC39	119	20	57	Long barrel (6 ft)	119	21	01	Full stroke, vibration for last half..	1620
RX	796-RX1	119	21	33	<i>On north wall; fell into PC</i>	119	21	34		1570

RX	798-RX1	120	20	40	On inner channel wall?	120	20	41	Small rock in right front corner of PC racks	1282
RX	798-RX2	120	20	42	On inner channel wall	120	20	43	rock in right front corner of PC racks	1282
VC	978-VC43	120	21	14	Long barrel (6 ft)	120	21	21	30% stroke, hit hard layer and tough pullout	1287
ROV	Dive 979	121	00	40	Dive 979 Tiburon ROV in upper Partington Canyon. Trip Niskins at 719 m depth	121	01	56	Leave bottom.	Variable see samples
VC	979-VC44	121	00	56	Long barrel (6 ft)	121	01	03	Less than half stroke, max vibration.	721.8
VC	979-VC45	121	01	24	Long barrel (6 ft)	121	01	29	About 75% stroke, max vibration.	722.5
PC	979-PC43	121	01	37	Horizontal PC from base of vertical channel wall about 1 m above floor	121	01	40	Maybe some mud chips in core; will need to wash carefully	722
RX	979-RX1	121	01	42	On south wall of canyon	121	01	44	Small rock in back of PC racks	721.9
RX	979-RX2	121	01	53	On south wall of canyon	121	01	55	Rock in back left of PC racks	708