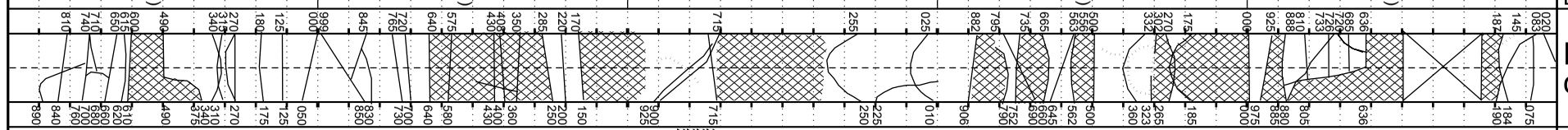
Fracture description

Hole Name: 05ME06-S | Depth: 284.00m～289.00m | Logged by: Iwasaki, Matsunaga,Sugiyama | Reviewed by: | Begun: 2005/12/14 | Finished: 2005/12/14 | Scale: 1/20

Depth (mabh)	289	288	287	286	285	284
Rock name	altered medium grain granite	altered coarse grain granite		altered coarse grain granite	altered fine grain granite	
Texture	equigranular					
Phenocryst: classification and size	quartz φ2～8(4)mm pl/kfd φ2～8(4)mm bio1～3(1.5)mm	quartz φ2～10(5)mm pl/kfd φ2～10(4)mm bio <2(1)mm		quartz φ2～10(5)mm pl/kfd φ2～10(4)mm bio <2(1)mm	quartz φ1～3(1)mm pl/kfd φ1～3(1)mm bio 1mm	
Color index	10GY 5/2				5G3/2	
Alteration	2～3P pl kfd bio	3P pl kfd bio	3P pl kfd bio	3P pl kfd bio	2P pl kfd bio	
Rock mass classification	CM	CM	CM	CM	CM	
RQD(Core recovery)	31 (100)	0 (100)	0 (100)	15 (100)	0 (75)	
Fracture Density (n/m)	11+ (17+)	13+ (15+)	6+ (7+)	10+ (14+)	5+ (14+)	
Fracture column						

Number	Depth	Dip angle (degree)	Type	Striation (angle)	Cause for occurrence	Fault rock: Classification	Fault rock: Thickness range	Fault rock: Width (mm)	Wallrock alteration: Sericitization	Wallrock alteration: Chloritization	Wallrock alteration: Hematitization	Wallrock alteration: Argilization	Wallrock alteration: Fe-oxyhydroxide /hydroxide	Wallrock alteration: Leaching	Fracture fillings: Width (mm)	Fracture fillings: Materials (volume %)	Remarks
28-42	080	10	wr	-	d	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	-	-	283.78m～285.00m 優黒色細粒花崗岩（ゼノリス？）境界は明瞭で不規則な楕円状を示す。
28-43	105	70	wr	-	d	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	-	-	
28-44	175	75	wr	-	d	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	-	-	
28-45	200	80	wr	-	d	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	<1	cal(2)	284.00m付近：細粒py
28-46	636	85	pr	-	d	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	-	-	284.25m～284.50m コアロス区間
28-47	690	80	wr	-	d	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	-	-	
28-48	636	0	wr	-	d	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	<1	py(1)	
28-49	750	30	ps	SL(L70)	s	-	-	1/1	2(p)	2(bo)	-	2P-SG3/2	-	-	<1	py clay(1)	
28-50	797	70	ps	SS	s	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	<1	py clay(2)	
28-51	805	10	ps	SL(L65)	s	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	<1	py clay(2)	
28-52	895	15	ps	-	s	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	<1	py(1)	
28-53	943	50	pr	-	d	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	<1	py(1)	
28-54	000	80	wr	-	d	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	-	-	
28-55	975	0	wr	-	d	-	-	-	2(p)	2(bo)	-	2P-SG3/2	-	-	-	-	
28-56	230	50	ps	SL(L30)	s	-	-	1/1	3(p)	3(bo)	-	3P-10GY5/2	-	-	<1	py clay(1)	
28-57	260	25	pf	SL(R10)	d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	<1	py clay(1)	
28-58	313	80	wr	-	d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-59	400	80	wr	-	d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-60	430	0	wr	-	d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-61	572	35	ps	SS	s	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	<1	py clay(1)	285.50m～285.90m セリサイト変質が比較的強く、plは淡黄色を呈する。
28-62	640	45	ps	SS	s	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	<1	py clay(1),chl(1)	
28-63	645	0	wr	-	d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	<1	py clay(1)	
28-64	738	65	wr	-	t	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	<1	pale gray clay(1)	
28-65	745	50	pr	-	t	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-66	772	60	pr	-	t	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-67	898	20	pr	-	t	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	f-g：pg clay with fine graine of Qz&bio
28-68	095	65	wr	-	t	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-69	225	87	wr	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-70	375	77	sr	ST	s	fg	1	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-71	783	18	pf	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	ステップ左ずれ？逆断層45°方向
28-72	790	85	pf	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-73	835	80	pf	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-8	925	75	pr	-	t	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	<2	py clay(2),chl(2)	286.30m～288.00m pl淡黄色
28-74	160	25	wr	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	<1	carb(2)	
28-75	215	25	pr	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-76	270	26	pr	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-77	360	5	pr	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-78	405	0	wr	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-79	430	25	pr	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-80	430	0	wr	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-81	528	78	pf	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-82	575	5	wr	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-83	640	5	wr	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-84	710	0	wr	-	t or d	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-85	750	25	pr	-	t	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-86	830	30	pr	-	t	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-87	885	47	pf	-	t	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	-	-	
28-88	925	55	wr	-	t	-	-	-	3(p)	3(bo)	-	3P-10GY5/2	-	-	<1	pg clay(1)	
28-89	030	52	pr	-	t	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-90	125	0	wr	-	t or d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-91	180	5	wr	-	t or d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-92	270	5	wr	-	t or d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-93	300	30	pr	-	t or d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-94	310	70	ps	-	s	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	1	cal(4)	
28-95	320	15	pr	-	t or d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	<1	clay(1),sc(3)	
28-96	440	80	pr	-	t	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	cal(2)	
28-97	490	5	pr	-	t or d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-98	605	30	wr	-	d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-99	670	45	pr	-	d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-100	680	90	wr	-	d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-101	710	60	wr	-	d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-102	760	85	wr	-	d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-103	780	85	wr	-	d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-104	810	35	pr	-	d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	
28-105	840	90	pr	-	d	-	-	-	2(p)	2(bo)	-	3P-10GY5/2	-	-	-	-	