

Detailed Record of Auger Holes Drilled at BCP Section

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
AS01				
AH0101	1	0.00	0.15	Farm land; reddish yellow (7.5YR6/6) clayey silt; loose, soft
	2	0.15	0.18	Light gray (10YR7/1) silt; loose, soft
	3	0.33	0.31	Yellow (10YR7/8) fine sand; relatively compact and soft; small amount of tiny Chinese red patches
	4	0.64	0.31	Reddish yellow (7.5YR6/8) fine clayey sand; compact, relatively soft, moist, containing more tiny Chinese red patches
	5	0.95	0.05	Brownish yellow (10YR6/8) silty clay; compact, relatively soft, moist, containing more tiny Chinese red patches and humus
	6	1.00	0.80	Yellow (10YR7/8) clayey silt; compact, relatively soft, moist, containing Chinese red patches
	7	1.80	≥0.20	Yellow (10YR7/8) fine sand; relatively compact, soft, moist
	Hole Depth	2.00		End of Auger
AS02				
AH0104	1	0.00	0.10	Light gray (Gley 1 7/) silty clay; relatively loose and hard
	2	0.10	0.20	Yellow (10YR7/6) clayey sand; compact, hard
	3	0.30	1.10	Yellow (10YR7/8) clayey sand; containing a porcelain shard which was deposited by alluvium
	4	1.40	0.60	Yellow (2.5Y8/8) silty clay; compact, soft, moist
		Hole Depth	2.00	
AS02				
AH0201	1	0.00	0.12	Banana plantation; light gray (7.5YR7/1) silt; relatively loose, soft
	2	0.12	0.22	Reddish yellow (7.5YR6/6) clay; compact, relatively hard, Chinese red with gray patches
	3	0.34	0.16	Yellow (10YR7/6) silt; compact, relatively hard
	4	0.50	0.22	Light gray (10YR7/1) fine sand; relatively compact and hard
	5	0.72	0.48	Very pale brown (10YR7/3) clayey sand; relatively compact and soft, containing tiny Chinese red patches in small amount
	6	1.20	0.7	Very pale brown (10YR7/4) fine sand; relatively compact and soft, containing small amount of Chinese red patches
	Hole Depth	1.90		End of Auger

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
AH0202	1	0.00	0.22	Light greenish gray (Gley 2 7/1) silt; relatively loose; containing vegetation root system
	2	0.22	0.48	Yellow (10YR7/8) clayey sand; compact, relatively hard
	3	0.70	0.24	Yellow (2.5Y7/8) fine sand, containing small amount of clay
	4	0.94	0.26	Yellow (10YR8/8) silty clay; compact, relatively hard
	5	1.20	0.10	Yellow (10YR8/8) silty clay; compact, relatively hard, containing Chinese red patches
	6	1.3	0.6	Yellow (10YR8/8) silty clay; compact, relatively soft
	Hole Depth	1.90		End of Auger
AH0203	1	0.00	0.14	Gray (5Y6/1) sand, containing small boulder; loose, relatively soft
	2	0.14	N/A	Yellow (10YR7/6) rock; probable metamorphic granite
	Hole Depth	0.14		Auger Hitting Boulder
AH0205	1	0.00	0.11	Light brownish gray (2.5Y6/2) fine sand; relatively compact and hard, containing vegetation root system
	2	0.11	0.27	Light yellowish brown (2.5Y6/3) silt; compact, relatively hard
	3	0.38	0.20	Light yellowish brown (2.5Y6/4) fine sand; compact, relatively hard
	4	0.58	0.72	Brownish yellow (10YR6/8) sand; relatively loose and soft, containing large amount of tiny Chinese red patches
	5	1.30	0.30	Light yellowish brown (10YR6/4) sand; relatively loose, soft, moist
	6	1.60	≥0.40	Yellow (10YR7/6) sand (larger particle size); relatively loose, soft, moist
	Hole Depth	2.00		End of Auger
AH0206	1	0.00	0.08	Gray (2.5Y6/1) fine sand; loose, soft
	2	0.08	0.09	Pale olive (5Y6/4) fine sand; relatively loose, soft
	3	0.17	0.37	Yellow (2.5Y7/6) sand; relatively loose and soft
	4	0.54	0.68	Yellow (2.5Y7/8) sand; relatively compact and soft, containing Chinese red patches
	5	1.22	≥0.78	Yellow (2.5Y8/8) fine sand; compact, relatively soft, moist, containing tiny Chinese red patches
Hole Depth	2.00		End of Auger	
AH0207	1	0.00	0.08	Gray (5YR5/1) fine sand; loose, soft,

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
				containing vegetation root system
	2	0.08	0.18	Pinkish gray (7.5YR6/2) fine sand; relatively loose and soft, containing Chinese red patches
	3	0.26	0.46	Browish yellow (10YR6/6) silt; relatively compact and soft
	4	0.72	0.08	Browish yellow (10YR6/6) fine sand, containing small amount of coarse sand; relatively loose and soft
	5	0.80	N/A	Pebble layer
	Hole Depth	0.80		Auger Hit Boulder
AH0208	1	0.00	0.10	Very pale brown (10YR7/3) silt; loose, relatively soft, containing vegetation root system
	2	0.10	0.14	Light yellowish brown (2.5Y6/4) silt; relatively loose and soft
	3	0.24	0.08	Light brownish gray (2.5Y6/2) silt; relatively compact and hard, containing bigger Chinese red patches
	4	0.32	0.28	Yellow (10YR7/8) clayey silt; compact, hard
	5	0.60	0.48	Yellow (10YR7/8) silt; compact, relatively soft, moist, containing humus in black colour
	6	1.08	0.42	Yellow (10YR8/8) fine sand; well sorted, compact, relatively soft
	7	1.50	≥0.50	Yellow (5Y8/8) fine sand; compact, relatively soft, moist
	Hole Depth	2.00		End of Auger
AH0209	1	0.00	0.15	Light yellowish brown (10YR6/4) fine sand; relatively loose and hard, containing vegetation root system
	2	0.15	0.53	Reddish yellow (7.5YR6/8) clayey silt; compact, hard, containing small amount of gray patches of fine sand
	3	0.68	0.42	Browish yellow (10YR6/8) fine sand, containing clay and small amount of coarse sand; compact, relatively hard, moist
	4	1.10	0.14	Yellow (10YR7/8) fine sand, containing small amount of clay and coarse sand; compact, hard
	5	1.24	0.52	Yellow (10YR8/8) fine sand, containing small amount of coarse sand; compact, hard, containing Chinese red patches
	6	1.76	≥0.24	Yellow (10YR8/8) fine sand; compact, hard
	Hole Depth	2.00		End of Auger
AH0210	1	0.00	0.20	On river terrace; Yellow (10YR7/6) sand; loose, relatively hard
	2	0.20	0.20	Yellow (10YR7/8) sand; relatively well

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
				sorted, loose, relatively soft
	3	>0.40	N/A	Rock
	Hole Depth	0.40		Auger Hitting Boulder
AH0211	1	0.00	0.12	Light brownish gray (2.5Y6/2) sand; loose, soft, containing vegetation root system
	2	0.12	0.32	Yellow (2.5Y7/6) clayey sand; compact, relatively hard, containing tiny Chinese red patches
	3	0.44	0.44	Yellow (10YR7/6) clayey silt; compact, hard
	4	0.88	0.27	Yellow (10YR7/8) clayey silt; compact, hard, containing large amount of Chinese red patches
	5	1.15	≥0.85	Yellow (10YR8/8) clayey silt; relatively well sorted, compact, hard, containing Chinese red patches
	Hole Depth	2.00		End of Auger

Detailed Record of Auger Holes Drilled at Section between Lin Ma Hang and Frontier Closed Area Boundary

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
AS03				
AH0301	1	0.00	0.08	Gray (2.5Y6/1) sand, containing coarse sand particles; loose, relatively soft, containing vegetation root system
	2	0.08	0.10	Yellow (2.5Y7/6) sand, containing coarse sand particles; loose, hard, containing vegetation root system
	3	0.18	0.37	Olive yellow (2.5Y6/8) fine sand with clay; compact, relatively hard
	4	0.55	0.75	Yellow (2.5Y7/8) sand, containing coarse sand particles; compact, relatively hard
	5	1.30	0.40	Yellow (10YR8/8) sand, containing small amount of coarse sand particles; well sorted, compact, relatively hard
	6	1.70	≥0.30	Yellow (2.5Y8/8) sand, containing small amount of coarse sand particles; compact, relatively hard, containing Chinese red patches
Hole Depth		2.00	End of Auger	
AH0302	1	0.00	0.08	Gray (2.5Y6/1) sand, containing coarse sand particles; loose, relatively soft, containing vegetation root system
	2	0.08	0.10	Yellow (2.5Y7/6) sand, containing coarse sand particles; loose, hard, containing vegetation root system
	3	0.18	0.37	Olive yellow (2.5Y6/8) clayey sand; compact, relatively hard
	4	0.55	0.75	Yellow (2.5Y7/8) sand, containing coarse sand particles; compact, relatively hard
	5	1.30	0.40	Yellow (10YR8/8) sand, containing small amount of coarse sand particles; well sorted, compact, relatively hard
	6	1.70	≥0.30	Yellow (2.5Y8/8) sand, containing small amount of coarse sand particles; compact, relatively hard, containing Chinese red patches
Hole Depth		2.00	End of Auger	
AH0303	1	0.00	0.12	Slope and fruit plantation; stones on ground surface; Light yellowish brown (2.5Y6/3) sand, containing large amount of coarse sand particles; loose, soft, containing vegetation root system
	2	0.12	N/A	Rock
Hole Depth		0.12	Auger Hitting Boulder	
AH0304	1	0.00	0.45	Gray (10YR6/1) sand (larger particle size); loose, soft, moist, relatively well

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
				sorted
	2	0.45	0.19	Yellow (10YR7/6) sand, containing small amount of clay; relatively compact and hard
	3	0.64	0.46	Yellow (10YR8/8) sand; well sorted, relatively compact and hard
	4	1.10	0.35	Reddish yellow (7.5YR6/8) sand; well sorted, relatively compact and hard
	5	1.45	0.25	Yellow (2.5Y8/8) sand, containing small amount of coarse sand; compact, relatively hard, containing large amount of Chinese red patches
	6	1.70	≥0.30	Yellow (5Y8/8) sand, relatively compact and soft
	Hole Depth	2.00		End of Auger
AH0305	1	0.00	0.18	Gray (2.5Y6/1) sand, containing coarse sand particles; loose, relatively soft, containing vegetation root system
	2	0.18	0.35	Grayish brown (2.5Y5/2) sand, containing coarse sand particles and small amount of clay; relatively loose and soft
	3	0.53	0.65	Light yellowish brown (10YR6/4) clayey silt; compact, relatively soft, containing small amount of Chinese red patches
	4	1.18	0.12	Light yellowish brown (2.5Y6/4) clayey silt; compact, relatively soft
	5	1.30	0.40	White (10YR8/1) sand; relatively compact and soft, moist, containing small amount of Chinese red patches
	6	1.70	>0.30	Light gray (10YR7/1) sand, containing coarse sand particles; compact, soft, moist, containing large amount of Chinese red patches
	Hole Depth	2.00		End of Auger
AH0306	1	0.00	0.15	Pale yellow (2.5Y7/4) sand, containing coarse sand particles; relatively loose and soft, dry, containing vegetation root system
	2	0.15	0.20	Light yellowish brown (2.5Y6/3) sand; relatively loose, hard, relatively dry
	3	0.35	0.25	Light yellowish brown (10YR6/4) fine sand; relatively compact and hard, containing Chinese red (10R4/8); sand stone fragment
	4	0.60	N/A	Rock
	Hole Depth	0.60		Auger Hitting Boulder
AH0307	1	0.00	0.47	Dark gray (Gley 1 4/) clayey sand; compact, relatively soft, containing vegetation root system

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
	2	0.47	0.41	Gray (5Y5/1) fine sand; compact, soft
	3	0.88	0.21	Olive yellow (2.5Y6/6) sand, containing small amount of coarse sand particles; compact, relatively hard
	4	1.09	≥0.71	Red (10R5/8) sand; containing yellow (2.5Y8/6) patches; compact, hard, reaching water level
	Hole Depth	1.80		Reaching Water Level
AH0308	1	0.00	0.20	Grayish brown (10YR5/2) clayey silt; loose, soft, containing vegetation root system
	2	0.20	0.20	Light yellowish brown (2.5Y6/4) sand, containing small amount of coarse sand particles; compact, relatively hard
	3	0.40	0.08	Yellow (10YR7/6) fine sand; compact, relatively soft
	4	0.48	0.38	Yellowish red (5YR5/8) sand, containing small amount of coarse sand particles; very compact and hard, containing light gray patches (2.5Y7/1)
	5	0.86	>0.94	Light gray (2.5Y7/1) sand; containing yellowish red (5YR5/8) patches, very compact, hard
	Hole Depth	1.80		Too hard to continue drilling
AH0309	1	0.00	0.18	Dark gray (5Y4/1) clayey silt; compact, relatively soft, containing vegetation root system
	2	0.18	0.35	Gray (Gley 1 6/) silt; compact, relatively soft, containing small amount of coarse sand particles and vegetation root system
	3	0.53	0.39	Yellow (10YR7/6) sand, containing small amount of coarse sand particles; compact, relatively hard
	4	0.92	0.48	Pale yellow (2.5Y7/4) fine sand; compact, soft, moist
	5	1.40	0.20	Pale brown (10YR6/3) clayey silt; compact, soft, very moist
	6	1.60	0.18	Pale yellow (2.5Y7/4) clayey silt; compact, soft, very moist
	7	1.78	>0.22	Light brownish gray (10YR6/2) clayey silt; compact, soft, very moist (reaching ground water level)
	Hole Depth	2.00		End of Auger
AH0310	1	0.00	0.10	Light yellowish brown (2.5Y6/3) silt, containing coarse sand particles; compact, relatively soft, containing vegetation root system
	2	0.10	0.45	Brownish yellow (10YR6/6) coarse

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
				sand, containing fine sand; relatively loose, soft
	3	0.55	0.27	Olive (5Y5/3) silt; compact, relatively hard
	4	0.82	≥0.98	Yellow (5Y7/6) silt; containing red (2.5YR5/8) patches; compact, relatively soft, very hard
	Hole Depth	1.80		Too hard to continue drilling
AH0311	1	0.00	0.49	On Slope; Yellowish brown (10YR5/4) sand, coarse sand, stone; loose, soft, containing vegetation root system
	2	0.49	≥0.27	Brownish yellow (10YR6/6) coarse sand, stone; loose, hard
	Hole Depth	0.76		Auger Hitting Boulder
AH0312	1	0.00	0.28	Gray (5Y5/1) fine sand; loose, soft, containing vegetation root system
	2	0.28	0.19	Pale yellow (2.5Y7/4) sand; relatively loose and soft, containing vegetation root system
	3	0.47	0.43	Yellow (10YR7/6) fine sand; relatively compact and hard; reaching water level
	4	0.90	≥0.90	Yellow (10YR8/6) fine sand; compact, relatively hard
	Hole Depth	1.80		End of Auger; Reaching Water Level
AH0313	1	0.00	0.20	Brown (7.5YR5/2) fine sand; relatively loose and soft, containing vegetation root system
	2	0.20	0.28	Very pale brown (10YR7/4) fine sand; relatively loose and soft
	3	0.48	0.17	Light brownish gray (10YR6/2) fine sand; relatively compact and soft
	4	0.65	0.37	Very pale brown (10YR7/4) sand; relatively compact and hard, containing yellowish brown (10YR5/8) patches; reaching water level
	5	1.02	0.28	Pinkish gray (7.5YR7/2) sand; compact, relatively soft
	6	1.30	0.30	Light gray (2.5Y7/1) sand; compact, soft
	7	1.60	≥0.20	Pale yellow (2.5Y8/4) sand; compact, relatively soft
	Hole Depth	1.80		End of Auger
AH0314	1	0.00	0.33	Gray (10YR6/1) fine sand, containing coarse sand; relatively loose and soft, containing vegetation root system
	2	0.33	0.35	Light yellowish brown (2.5Y6/3) fine sand; relatively compact, soft
	3	0.68	0.42	Reddish yellow (7.5YR6/6) fine sand; relatively compact, soft

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
	4	1.10	0.40	Light gray (5Y7/1) sand; compact, soft; reaching water level
	5	1.50	≥0.20	Yellow (2.5Y8/8) sand; compact, relatively hard
	Hole Depth	1.70		Reaching Water Level
AH0315	1	0.00	0.12	Dark gray (5Y4/1) clayey silt; relatively loose, soft, containing vegetation root system
	2	0.12	0.26	Light brownish gray (10YR6/2) coarse sand; loose, soft, containing vegetation root system
	3	0.38	0.20	Light brownish gray (2.5Y6/2) silt, containing small amount of coarse sand particles; compact, relatively soft
	4	0.58	0.56	Yellow (2.5Y8/6) sand, containing coarse sand particles; relatively compact and soft
	5	1.14	0.23	Light brownish gray (10YR6/2) sand; relatively compact and hard; reaching water level
	6	1.37	0.21	Light gray (10YR7/2) sand; relatively compact and soft
	7	1.58	N/A	Rock
	Hole Depth	1.58		Auger Hitting Boulder
AH0316	1	0.00	0.18	Very pale brown (10YR7/4) fine sand; relatively compact and soft, containing vegetation root system
	2	0.18	0.32	Light brownish gray (2.5Y6/2) fine sand; relatively compact and soft, containing vegetation root system
	3	0.50	0.40	Dark gray (2.5Y4/1) clayey silt, containing very small amount of coarse sand particles
	4	0.90	0.16	Light gray (5Y7/1) fine sand; compact, relatively hard, containing red (10R5/8) patches
	5	1.06	0.63	White (5Y8/1) sand; compact, soft; reaching water level
	6	1.69	≥0.30	Red (10R5/8) sand; compact, relatively hard
	Hole Depth	1.99		End of Auger
AH0317	1	0.00	0.28	Gray (5Y5/1) sand, stone; loose, soft
	2	0.28	0.06	Light yellowish brown (2.5Y6/4) sand, large amount of stone; relatively loose and soft
	3	0.34	0.06	Pale yellow (2.5Y7/4) sand, large amount of stone; relatively loose and soft
	4	0.40	N/A	Rock (Probable granite); hard
	Hole Depth	0.40		Auger Hitting Boulder
AH0318	1	0.00	0.18	Gray (5Y5/1) sand, containing large

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
				amount of coarse sand particles; loose, soft, containing vegetation root system
	2	0.18	0.05	Gray (5Y6/1) sand, containing large amount of coarse sand particles; loose, soft, containing vegetation root system
	3	0.23	0.29	Yellow (2.5Y8/6) sand; relatively compact and soft
	4	0.52	0.22	Yellow (10YR8/6) sand; compact, relatively hard
	5	0.74	≥0.91	Red (10R5/8) sand; compact, hard
	Hole Depth	1.65		Reaching Sterile Layer

Detailed Record of Auger Holes Drilled at Section between Ping Yeung and Wo Keng Shan

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
AS05				
AH0502	1	0.00	0.18	Brown (7.5YR4/2) clayey silt; loose, soft, containing vegetation root system
	2	0.18	0.12	Reddish yellow (7.5YR7/6) silt, containing coarse sand particles; relatively compact and hard, containing vegetation root system
	3	0.30	0.03	Light brownish gray (10YR6/2) coarse sand; loose, soft
	4	0.33	0.19	Light yellowish brown (2.5Y6/4) coarse sand; loose, soft
	5	0.52	0.21	Pinkish gray (7.5YR6/2) coarse sand, containing gravel; loose, soft
	6	0.73	≥0.17	Yellow (10YR8/8) coarse sand; well sorted, loose, soft
Hole Depth		0.90	Reaching Sterile Layer	
AH0503	1	0.00	0.15	Olive gray (5Y5/2) sand; relatively loose and soft, containing vegetation root system
	2	0.15	0.30	Pale olive (5Y6/4) sand, containing coarse sand; compact, hard
	3	0.45	0.27	Olive yellow (2.5Y6/8) coarse sand; compact, hard
	4	0.72	0.26	Light olive brown (2.5Y5/6) sand, containing coarse sand particles; compact, hard, containing gray (5Y6/1) patches
	5	0.98	≥0.82	Gray (5Y6/1) sand; well sorted, relatively compact, soft, reaching water level
Hole Depth		1.80	Reaching Water Level	
AS06				
AH0601	1	0.00	0.16	Brown (10YR4/3) sand, containing coarse sand particles; loose, soft, containing vegetation root system
	2	0.16	0.16	Yellowish brown (10YR5/4) sand, containing coarse sand particles; loose, soft
	3	0.32	0.28	Brownish yellow (10YR6/8) fine sand, containing coarse sand; compact, relatively hard
	4	0.60	0.12	Brownish yellow (10YR6/8) fine sand, containing coarse sand; compact, relatively hard, containing Brownish yellow (10YR6/8) patches
	5	0.72	0.38	Weak red (10R5/4) weathered rock layer; compact, hard
Hole Depth		1.10	Too hard to continue drilling	

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
AH0602	1	0.00	0.15	Dark grayish brown (2.5Y4/2) sand, containing small amount of clay; loose, vegetation root system
	2	0.15	0.22	Light olive brown (2.5Y5/3) sand; loose
	3	0.37	0.30	Olive yellow (2.5Y6/8) sand, containing gravel; relatively compact, soft
	4	0.67	0.19	Olive yellow (2.5Y6/6) fine sand; compact, relatively hard
	5	0.86	0.20	Red (10R4/8) fine sand; compact
	6	1.06	≥0.14	Pale red (10R6/3) weathered rock layer; compact
	Hole Depth	1.20		Too hard to continue drilling
AH0603	1	0.00	0.15	Dark gray (10YR4/1) clayey silt; relatively loose, soft
	2	0.15	0.14	Light brownish gray (2.5Y6/2) clayey fine sand; relatively compact and soft
	3	0.29	0.43	Olive yellow (2.5Y6/6) fine sand; compact, relatively hard
	4	0.72	0.20	Light yellowish brown (2.5Y6/3) sand; compact, relatively hard
	5	0.92	0.38	Yellow (2.5Y7/6) sand, containing coarse sand particles; compact, relatively hard
	Hole Depth	1.30		Auger Hitting Boulder

Detailed Record of Auger Holes Drilled at Fanling Section

Auger Hole No.	Strata	Depth (m)	Thickness (m)	Description
AS09				
AH0901	1	0.00	0.15	Brown (10YR5/3) silt; loose, relatively soft, containing vegetation root system
	2	0.15	0.11	Brownish yellow (10YR6/6) fine sand; loose, relatively soft
	3	0.26	0.18	Brownish yellow (10YR6/6) silt, containing clay and gravel; relatively compact and soft
	4	0.44	0.46	Brownish yellow (10YR6/6) sand, containing small amount of clay and stone; compact, relatively hard
	5	0.90	>0.05	Brownish yellow (10YR6/6) sand, containing small amount of clay; containing Chinese red patches
	Hole Depth	0.95		Reaching Sterile Layer
AH0902	1	0.00	0.30	Yellow (2.5Y7/6) silt; relatively loose, containing vegetation root system
	2	0.30	0.20	Light yellowish brown (2.5Y6/3) silt, containing clay and stone; loose
	3	0.50	0.15	Light yellowish brown (2.5Y6/3) sand, containing gravel; loose
	4	0.65	0.05	Yellow (2.5Y7/6) and Pale Yellow (2.5Y7/4) coarse sand; loose, containing different colours
	5	0.70	N/A	Rock
	Hole Depth	0.70		Auger Hitting Boulder