

Sprogge Project: DDH Alteration Sheet

DDH_ID	from	to	type	FeOx	Hematite	Argillic	Chloritic	Silica	Sericite	Notes
SP0001	3	29.2	P			2				weak but pervasive argillic alteration intensity up to 4 and down to <1 in some beds
SP0001	24.7	26.7	V	7						sandy argillite flanking a 0.25cm bull qtz vn FeOx envelope of 1-3m
SP0001	29.2	31.9	F	7						med to heavy FeOx preferentially withing sandstone, controlled by bedding and fractures, up to 3 stages of weathering
SP0001	29.2	107.1	P			4				matrix of sandstone moderately argillic altered, alt feldspars frags, FeOx weathering
SP0001	32.3	32.4	F	8						envelopes a fracture with 2 to 3 halos
SP0001	33	33.7	F	5						variable FeOx weathering with increased intensity around fracture & veins (numerous halos) FeOx weak to nonexistent in argillite zones
SP0001	33.7	33.71	F	7						envelopes a fracture with 2 to 3 halos
SP0001	33.71	52.5	F	5						continuation of 33 to 33.7
SP0001	56.3	61.8	F P	5						starts as envelopes around fractures and becomes nearly pervasive
SP0001	58.3	59.4	D		4					amorphous start and end to hematite section, overprinted by FeOx around fractures,
SP0001	61.8	107.1	F	3						low level FeOx generally a light orange brown around fractures 50% of fractures have good manganese development
SP0001	72.2	73.2	D		4					covers ~60% of core, partly away from fractures, decreases down hole
SP0001	81.3	88.5	P D		5					starts as 100% of core and decreases to 50% for last metre of section & is patchy & decreases to intensity 4
SP0001	98.7	100.5	D						2	starts @ ~3 decreasing to 0 through section
SP0001	107.1	134.9	F	0						FeOx alt +/- manganese basically restricted to fractures/joints/veins as well as the sandy interbeds and small sandstone units
SP0001	134.9	135.4	P	8						short zone of high intensity FeOx alteration shale siltstone
SP0001	134.9	148.5	D	1						below the above section, FeOx intensity is 2 decreasing to 1

SP0001	148.5	172.6	V	0						Fault zone FeOx intensity drops significantly
SP0001	172.6	182.4	P	3						pervasive FeOx , manganese coating of fractures
SP0001	174	187.5	V					2		hairline qtz vnlt, cause moderate silicification
SP0001	182.4	187.5	P	2	5	0				pervasive hematite alteration
SP0002	3.05	15	F D	1	0				1	
SP0002	15	16.6	C	0				1	1	
SP0002	16.6	17.8	V	2						
SP0002	17.8	22	F D	0						
SP0002	22	25	P M	0				1	1	
SP0002	25	28.66	P D	0					2	
SP0002	28.66	31.06	P M					1	1	
SP0002	30.66	31.06	P	4						
SP0002	31.06	36.26	M	1					0	
SP0002	36.26	39	M	4	2					
SP0002	39	44.3	M	1	0				1	
SP0002	44.3	51	F	0						
SP0002	45.7	46	D						2	
SP0002	51	51.6	P	0					1	
SP0002	51.6	52.3	P F	1					2	
SP0002	54.9	55.6	P					0	2	
SP0002	58.15	59.2	P					0	2	
SP0002	61	64.5	F	0						
SP0002	66	66.4	M	0		0				
SP0002	68.15	70.92	M P	1					2	
SP0002	73.7	77.7	M				0		1	
SP0002	79.3	82.06	P	0					3	
SP0002	99.23	99.89	F	0			3		2	
SP0002	99.89	106.8	V D				1		1	
SP0002	122.6	126.4	F	0						
SP0002	126.4	132.4	M	2	0					
SP0002	132.4	136.2	D M	1		1			1	
SP0002	136.6	150.5	M	1	0					
SP0002	139	140.8	V							