

Hole_id	Depth	Kaolinite	Dickite	Halloysite	Na-Sericite	K-Sericite	FeMg-Sericite	Fe-Chlorite	Int-Chlorite	Mg-Chlorite	Montmorillonite	Actinolite	Biotite	TSA_Error
EMA001	6	CD									CD			137.8
EMA001	10	CD									CD			253.9
EMA001	15	SD									D			416.4
EMA001	20			SD							D			265.9
EMA001	25													0.0
EMA001	30								D					69.2
EMA001	35					SD			D					168.4
EMA001	38								D					81.6
EMA001	39								D					217.8
EMA001	40													0.0
EMA001	41													0.0
EMA001	42													0.0
EMA001	43							D						67.9
EMA001	44					CD			CD					367.6
EMA001	45													0.0
EMA001	46													0.0
EMA001	47								D					73.4
EMA001	48								CD			D		98.8
EMA001	49													113.2
EMA001	50					D			SD					137.7
EMA001	51									D	A			259.5
EMA001	52						CD					D		267.4
EMA001	53						SD					D		293.7
EMA001	54								D					82.8
EMA001	55											D		92.8
EMA001	56											D		97.1
EMA001	57													0.0
EMA001	58											D		246.0
EMA001	59								D					160.1
EMA001	60					D			SD					89.0
EMA001	61					D								106.3
EMA001	62					D								267.9
EMA001	63					D								91.2

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EMA001	64					CD			CD					81.0
EMA001	65					CD		CD						74.4
EMA001	66							D						528.1
EMA001	67								D					97.3
EMA001	68								D					87.9
EMA001	69					CD			CD					69.0
EMA001	70					D								89.1
EMA001	75					D								174.0
EMA001	80					D								201.7
EMA001	85								D		A			153.8
EMA001	90					D			SD					136.3
EMA001	95											D		133.5
EMA001	100					D			SD					159.0
EMA001	105												D	167.9
EMA001	110												D	96.6
EMA001	115					SD			D					223.3
EMA001	120												D	143.7
EMA001	125					CD			CD					183.3
EMA001	130					A			D					174.8
EMA001	135					CD			CD					157.9
EMA001	140					D			SD					103.4
EMA001	145					D								203.2
EMA001	150				SD	D								211.2
EMA001	155				CD	CD								115.8
NEM001	0	D												197.1
NEM001	5	D												376.0
NEM001	10	D												82.4
NEM001	15	D												83.1
NEM001	20	D												116.3
NEM001	25	D												114.9
NEM001	30	D												49.8
NEM001	35	D												46.0

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NEM001	40	D												42.0
NEM001	45	D												228.8
NEM001	50	D												107.9
NEM001	55	D												173.8
NEM001	60	D												104.9
NEM001	65	D												84.7
NEM001	70	D												53.7
NEM001	75	D												55.7
NEM001	80	D												256.2
NEM001	85	D												71.4
NEM001	90	D												173.3
NEM001	95	D												249.2
NEM001	100	D												147.2
NEM001	105	D				SD								427.0
NEM001	110	D												213.8
NEM001	115	D												68.0
NEM001	120	D												372.8
NEM001	125	D				A								295.8
NEM001	130	D												138.6
NEM001	135	D				A								439.4
NEM001	140	D												202.1
NEM001	145	D												203.3
NEM001	150	D												194.3
NEM001	155	D												247.9
NEM001	160	D												147.3
NEM001	165	D												359.7
NEM001	170	D		SD										84.2
NEM001	175	D												131.2
NEM001	180	D												135.7
NEM001	185	D												142.1
NEM001	190	D												131.7
NEM001	195	D												93.3
NEM001	200	D												135.9

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NEM001	205	D												233.9
NEM001	210	D												147.0
NEM001	215	SD								D				501.9
NEM001	220			SD						D				515.1
NEM001	225									D	A			72.4
NEM001	230									D	A			52.9
NEM001	235									D				147.0
NEM001	240									D				94.5
NEM001	245									D				210.2
NEM001	248									D				180.7
NEM001	249									D				170.5
NEM001	250									D				81.1
NEM001	251									D				165.0
NEM001	252									D				89.2
NEM001	253									D				126.0
NEM001	254									D				127.9
NEM001	255									D				196.4
NEM001	256									D				92.4
NEM001	257									D				107.9
NEM001	258									D				54.9
NEM001	259									D				49.4
NEM001	260									D				55.5
NEM001	261				CD					CD				161.3
NEM001	262				SD					D				155.7
NEM001	263				SD					D				391.5
NEM001	264					SD				D				68.4
NEM001	265					D								34.2
NEM001	266					D								109.2
NEM001	267					D								161.8
NEM001	268					D								73.5
NEM001	269					D								121.1
NEM001	270					D								41.9
NEM001	271					A			D					99.7

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NEM001	272								D	CD				94.0
NEM001	273													0.0
NEM001	274					D								194.7
NEM001	275					D				SD				90.9
NEM001	276					D				SD				125.1
NEM001	277					D								143.2
NEM001	278					D								234.4
NEM001	279					D								78.1
NEM001	284				SD	D								46.8
NEM001	289				SD	D								20.0
NEM001	294					D				SD				66.8
NEM001	299					D								46.9

**1** 'TSA Error' refers to the SRSS error value calculated by the mineral matching algorithm 'The Spectral Analyst v4.1'. Theoretically, the better the fit between the ideal mineral spectrum and the sampled mineral spectrum, the lower the SRSS value.

**Abbreviations for Mineral Proportions**

D = Dominant.

CD = Co-dominant. Minerals are in roughly equal proportions.

SD = Sub-dominant. Mineral proportion judged to be >25%.

A = Accessory. Mineral proportion judged to be >10%.

Tr = Trace. Mineral proportion judged to be <10%.