

ALLEGIANCE MINING NL MELBA FLATS PROJECT DRILL HOLE MF

Project	Hole ID	Log		Description	Recovery			Assays										
		From	To		From	To	%	From	To	% Ni	% Cu	% Pb	% Zn	% S				
Melba	MF73	0	8	Light brown/orange clay zone, very brittle. Heavily weathered. Minor haematite and goethite staining.	0.0	3.0	66.7											
Melba	MF73	8	12	Extremely leached grey pyritic mudstone and fine grained siltstone. Core extremely broken with abundant rubble.	3.8	5.0	25.0											
Melba	MF73			Abundant puggy zones, remanent fault zone.	5.0	6.0	30.0											
Melba	MF73	12	14.3	Light brown/orange clay zone, very brittle. Heavily weathered. Minor haematite and goethite staining.	6.0	7.0	40.0											
Melba	MF73			Minor puggy zones	7.0	8.0	80.0											
Melba	MF73	14.3	16.6	Light grey/pale green fine grained leached siltstone. with minor laminations of mudstone. Minor puggy zones.	8.0	9.0	60.0											
Melba	MF73			No visible sulphides present.	9.0	10.0	50.0											
Melba	MF73	16.6	25	Sheared/faulted zone. Abundant puggy brecciated seams, core extremely broken. Abundant oxide zones.	10.0	11.0	50.0											
Melba	MF73			Predominately light grey siltstone with minor mudstone laminae. Minor haematite bands present.	11.0	12.0	40.0											
Melba	MF73			Interbedded light grey and orange weathered siltstone and fine grained sandstone. Abundant iron stained joints and shears. Minor goethite stained joints. Core extremely brittle.	12.0	13.0	90.0											
Melba	MF73	25	28.4	Quartz fault zone. Abundant goethite staining within a quartz fault zone. Minor chlorite staining present. Core tends to be slightly vuggy with visible crystal structure.	13.0	13.9	55.6											
Melba	MF73			Extremely broken/sheared fault zone. Abundant puggy and clay seams. Abundant orange clays and goethite stained joints/shears. Predominately fine grained siltstone and minor laminae of dark mudstone. No visible sulphides.	13.9	15.0	72.7											
Melba	MF73	28.4	29.3	Pale green, fine grained massive sandstone and thickly laminated dark grey siltstone beds. BCA at 34.2m is 52. Minor goethite veinlets present. Core fairly brittle.	15.0	16.0	70.0											
Melba	MF73			Small broken puggy fault zone. Abundant finely laminated mudstone and siltstone. Core tends to be fairly brittle. Minor goethite joints and shears.	16.0	17.5	66.7											
Melba	MF73	29.3	32.1	Finely laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	17.5	18.8	61.5											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	18.8	20.5	58.8											
Melba	MF73	32.1	35.1	Small broken puggy fault zone. Abundant finely laminated mudstone and siltstone. Core tends to be fairly brittle. Minor goethite joints and shears.	20.5	22.0	53.3											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	22.0	23.5	40.0											
Melba	MF73	35.1	37	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	23.5	24.1	50.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	24.1	25.0	44.4											
Melba	MF73	37	37.5	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	25.0	27.0	45.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	27.0	27.8	50.0											
Melba	MF73	37.5	38.5	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	27.8	29.0	58.3											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	29.0	30.0	40.0											
Melba	MF73	38.5	38.8	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	30.0	31.0	60.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	31.0	32.0	90.0											
Melba	MF73	38.8	42.3	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	32.0	33.0	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	33.0	34.0	90.0											
Melba	MF73	42.3	44.9	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	34.0	35.0	50.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	35.0	36.0	40.0											
Melba	MF73	44.9	51	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	36.0	37.0	40.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	37.0	39.0	95.0											
Melba	MF73	51	52.9	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	39.0	40.0	40.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	40.0	41.0	20.0											
Melba	MF73	52.9	56.4	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	41.0	42.0	40.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	42.0	43.0	60.0											
Melba	MF73	56.4	57	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	43.0	44.0	30.0											
Melba	MF73	57	78	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	44.0	44.9	88.9											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	44.9	46.0	36.4											
Melba	MF73	78	78.4	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	46.0	47.0	90.0											
Melba	MF73	78.4	90.5	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	47.0	48.0	50.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	48.0	49.0	90.0											
Melba	MF73	90.5	94.6	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	49.0	50.5	73.3											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	50.5	51.5	100.0											
Melba	MF73	94.6	95.3	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	51.5	52.7	75.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	52.7	53.9	100.0											
Melba	MF73	95.3	161.9	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	53.9	55.0	63.6											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	55.0	56.0	50.0											
Melba	MF73	161.9	167.6	Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	56.0	57.0	50.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	57.0	58.0	80.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	58.0	59.0	80.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	59.0	60.0	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	60.0	61.0	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	61.0	62.0	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	62.0	63.0	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	63.0	64.0	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	64.0	65.6	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	65.6	67.0	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	67.0	68.8	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	68.8	70.0	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	70.0	73.0	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	73.0	74.4	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	74.4	75.8	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	75.8	77.9	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	77.9	79.4	93.3											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	79.4	82.0	96.2											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	82.0	82.9	88.9											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	82.9	85.0	100.0											
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	85.0	86.8	100.0	86.5	87.5	0.011	0.009	n/a	n/a	0.20				
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	86.8	88.4	100.0	87.5	88.5	0.01	0.003	n/a	n/a	<0.02				
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	88.4	89.8	100.0	88.5	89.5	0.011	0.002	n/a	n/a	0.02				
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	89.8	90.7	100.0	89.5	90.5	0.01	0.004	n/a	n/a	0.06				
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	90.7	92.1	92.9	90.5	91.5	0.014	0.01	n/a	n/a	<0.02				
Melba	MF73			Thinly laminated black graphitic/slightly pyritic shale. Core fairly brittle. Some beds tend to be disrupted. BCA at 37.3m is 43.	92.1	93.5	71.4	91.5	92.5	0.0								

