

**Lithological Logs  
HED8, HED9 HED10**



BHID	FROM	TO	STRAT	GXL_LITHO	ROCKTP	RCOLOUR	FRCOMP	FRSIZE (mm)	FRSORT	FRSHAP	MAVOL (%)	MACOMP	LCGRAD
HED8	0.00	291.70	HVS		FP/D-bv	PK/GY	FP	20-100	w	SA	20	D/Ab	
HED8	291.70	292.15	HVS		B-l	GY/GN							
HED8	292.15	300.45	HVS		FP/D-lv	PK	FP	20-100	w	SA	20	D/Ab	
HED8	300.45	304.65	HVS		Y-av	GY							
HED8	304.65	312.90	HVS		D-av/lv	PK/BRN							
HED8	312.90	314.10	HVS		B-l	GRN							
HED8	314.10	316.60	HVS		D-lv/bv	GY							
HED8	316.60	318.00	HVS		B-l	GRN							
HED8	318.00	319.60	HVS		D-lv/bv	GY							
HED8	319.60	320.90	HVS		B-l	BLK							
HED8	320.90	323.30	HVS		Y-av	GY							
HED8	323.30	359.20	HVS		FP/D-bv	GY/PK	FP	20-100	w	SA	20	D/Ab	
HED8	359.20	374.30	FPS		FP	GY							
HED8	374.30	378.30	FPS		B-l	BLK/GY/GRN							
HED8	378.30	379.00	FPS		FP	PK/GY							
HED8	379.00	379.95	FPS		B-l	BLK/GRN							
HED8	379.95	422.70	FPS		FP	PK/GY							
HED9	0.00	51.15	HVS		FP/D-bv	GY/PK	FP	50-100	p	SR	30	D	
HED9	51.15	65.00	HVS		A/D-lv	GY	A	1-20	w	SA	70	D	
HED9	65.00	116.80	HVS		FP/D-bv	GY/PK	FP	50-100	P	SR	30	D	
HED9	116.80	136.40	HVS		FP/D-lv	GY	FP	20-50	w	SA	20	D	
HED9	136.40	141.60	HVS		B-l	GY/GN							
HED9	141.60	142.60	HVS		FP-bv	GY/PK	FP	50-100	p	SR	30	D	
HED9	142.60	157.60	HVS		B-l	GY/GN							
HED9	157.60	159.30	HVS		B/HA	GN/BUFF							
HED9	159.30	180.60	HVS		FP-bv	GY/PK	FP	50-80	P	SR	20	D	
HED9	180.60	231.00	HVS		A/D-l	GY							
HED9	231.00	260.80	HVS		A/D-lv	GY	A	5-50	w	SA	40	D	
HED9	260.80	302.15	HVS		FP/D-bv	GY	FP	5-200	p	SR	15	D	
HED9	302.15	316.60	HVS		A/B-l	GY/GN							
HED9	316.60	317.45	HVS		Vn-Qz	WH							
HED9	317.45	318.25	HVS		HA-lv	GY							
HED9	318.25	318.40	HVS		A-av	GY							
HED9	318.40	348.40	HVS		FP/D-bv	GY/PK	D/FP	20-200	p	SR	30	D	
HED9	348.40	351.50	HVS		B-l	GY/BLK							
HED9	351.50	375.30	HVS		FP/D-bv	DK GY	D/FP	20-100	p	SR	20	D	
HED9	375.30	404.00	HVS		D/FP-l	LT GY							
HED9	404.00	407.60	HVS		D/HA	DK GY							
HED9	407.60	411.65	HVS		A-lv	GY/GN	A	2-50	p	SA	40	A	
HED9	411.65	414.90	HVS		D/A-lv	LT GY	D	2-20	w	SA	70	A/D	

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BHID	FROM	TO	STRAT	GXL_LITHO	ROCKTP	RCOLOUR	FRCOMP	FRSIZE (mm)	FRSORT	FRSHAP	MAVOL (%)	MACOMP	LCGRAD
HED9	414.90	415.70	ACG		Sst	BLK		<2					
HED9	415.70	417.85	HVS		D/A-lv	LT GY							
HED9	417.85	481.30	ACG		Sst	BLK		<2					
HED10	0.00	23.30			Cy	RD/BRN							
HED10	23.30	27.15	OGL		Lst	GY							
HED10	27.15	33.00			Cy	RD/BRN							
HED10	33.00	41.30	OGL		Lst	GY							
HED10	41.30	41.50			Cy	RD/BRN							
HED10	41.50	43.00	OGL		Lst	GY							
HED10	43.00	43.30			Cy	RD/BRN							
HED10	43.30	56.20	OGL		Lst	GY							
HED10	56.20	58.50			Cy	RD/BRN							
HED10	58.50	62.50	OGL		Lst	GY							
HED10	62.50	62.90	OMS		Sst	GN							
HED10	62.90	63.20			Cy	RD/BRN							
HED10	63.20	70.40	OMS		Sst	GN		<2					
HED10	70.40	71.20	OMS		Sst	GY		<2					
HED10	71.20	71.75			FZ	GY/WH							
HED10	71.75	75.10	OOC		Cong	GY	Qz dominant	2-20		SA/SR	40		
HED10	75.10	79.10	OOC		Cong	GY/GN	Qz dominant	2-20		SA/SR	40		
HED10	79.10	259.15	OOC		Cong	PK	Y	2-60		R	15		
HED10	259.15	282.30	OOC		Sst	PK	Y	<4	w				
HED10	282.30	286.00	OOC		Cong	PK	Y	2-60	p	SR	70		
HED10	286.00	292.70			B	YW/GY							
HED10	292.70	332.80	OOC		Cong	PK	Y	2-60	p	SR			

**Lithological Logs  
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BHID	LCSTYL	REMARK
HED8		irreg. alteration of FP-D, pink Ab alteration
HED8		
HED8		
HED8	f-60	
HED8		SiPy alteration
HED8		
HED8		SiPy alteration
HED8		
HED8	irreg	
HED8	sz-70	
HED8		
HED8		
HED8		
HED8	irreg	chilled margin
HED8		
HED8		
HED8		
HED9		
HED9	f	
HED9		
HED9	f	
HED9		Qz-Co-Ba veining
HED9		
HED9		Qz-Co-Ba veining
HED9		
HED9	g	core iced-up....no markings
HED9		core iced-up....no markings
HED9	g	core iced-up....no markings
HED9		core iced-up....no markings
HED9	f-50	
HED9	s-50	
HED9	f-60	
HED9	s-50	
HED9	s-45	
HED9	f-70	
HED9	g	
HED9	g	
HED9	f-45	
HED9	s-45	
HED9	f-60	

**Lithological Logs**  
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BHID	LCSTYL	REMARK
HED9	f-60	
HED9	f-50	
HED9		some silty layers.
HED10		clay/highly oxidized
HED10		stylolitic limestone
HED10		clay - red/brown
HED10		stylolitic limestone
HED10		clay - red/brown
HED10		stylolitic limestone
HED10		clay - red/brown
HED10		
HED10		
HED10		some recrystallization textures
HED10		
HED10		
HED10		intervals of intense silicification +/- pyrite at 65.1 to 65.4 and 67 to 67.3
HED10		intense SiPy alteration
HED10		vein/shear/fault zone, SiPy alteration
HED10		alteration due to fluid flow along permeability contrast?
HED10		SiSe alteration, change in angularity and composition of clasts at 79m suggests a conformable contact with OMS
HED10		interbedded Sst and conglomerate, some indications of younging up-hole i.e. upward facing, 116.2m : hematite clasts at base of coarse unit.
HED10		interbeds of conglomerate.
HED10		
HED10		vesicular and xenolith-rich, hematized lower contact also faulted ~45 deg to CA, peperitic component to contacts
HED10		