



USGS Hanna Draw 1 - Core

Measured by:
Date:

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Leg/Recovery	Biot?	Soil	Cobble	Granule	Very coarse	Coarse	Medium	Fine	Very fine	Silt	Shale	MD (ft)	Notes
												332	clayey d brown carb sh - coal
												333	amber / gypsum ✓
													bone coal
												334	black coal w. slickensides d. brown carb sh -
													bone coal
												335	d. br. carb.
													bone coal
													d. br. carb sh.
												336	amber
													missing core
												337	
												338	d. br. carb sh.
													bone co
												339	
													clayey
												340	
													black coal and 4 cm bone coal
												341	
													d. br. carb sh.
												342	



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												342	
													bone coal
												343	
													m-brown - calcy clayey
												344	
												345	
													Amber
												346	A
													m-d to carb sh
												347	
													d.b. carb sh
												348	
													crumbly coal and brown carb shale (with drill mud)
												349	
													black coal and carb sh
												350	
													bone coal
													black carb sh and white coal
												351	
													black carb shale
												352	
													harder clayey ripple black white coal

Leg/Recovery	Biot?	Soil	Cobble	Granule	Very coarse	Coarse	Medium	Fine	Very fine	Silt	Shale	MD (ft)	Notes
												352	coal (vitic) black carb shale
												353	d. brown - clayey -black carb shale
												354	crumbly, coaly, clayey vitic coal + stickensides d. brown - black
												355	d. brown - black coal, vitic bone coal with gypsum
												356	brown black carb shale + coal d. brown carb shale whit bone coal
												357	
												358	d. brown - black carb shale w. stickensides d. grey carb shale
												359	root
												360	biol. heterolithic yellow stains / pyrite? / siderite / sulphur?
												361	yellow - sulphur stain? 0.5-1cm burrows d. grey silty / shale green (smelly?) concretions / chlorite with
												362	CR with org drapes SSD with org matter? rootlets?



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												362	
												363	bedded. uvf ss - m. grey siltstone
												364	CRL little microfractures bedded l. grey siltstone
												365	og. charcoal?
												366	og. material bedded siltstone
												367	og. mat. on foresets og. drapes on siderite
												368	og. mat. in l. grey siltstone
												369	d. grey shale with isc labeled ss. stringers heavily bedded bedded ss
												370	og. block
												371	SSD uvf - l/ ss m-ws
												372	d. green concretions yellow concretions yellow/mang



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												382	coal
													amber
										vv		383	gypsum coal
												384	bone coal
													bone coal
												385	grey siltstone
													bone coal
												386	bone coal caliche fracture fill amber
												387	bone coal
												388	d. brown carb shale ban
												389	d. brown carb shale
												390	d. brown carb sl. w. coal shingles
												391	l. grey-brown carb sl
												392	1 can bone coal fallen here?

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												412	
													bone coal amber
												413	
												414	" bone coal
												415	pyrite lof grey ss with root + rootlets abundant ssr
												416	org. partings leaves? herb?
												417	heterolithic grey ss w burrows
												418	org. fragment
												419	"
												420	heterol. l. grey ss w. abund burrows + org fragment
												421	sidecut
												422	truncated ssb structure org hash on foresets



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												422	
													biot heterot l. gre lf ss w CKL + burrow
												423	x beds org drapes on foresets biot.
												424	
													org. l. sh drapes
												425	CKL 0.5 cm
												426	
													0.5 cm CKL w. biot. heterot
												427	
													org. mal
												428	small 0.1-0.8 cm silt rip up
													l. grey w CKL
												429	shear l. grey nr/ ss
													SSD
												430	small soft sed fractures
													org. fragm - leaves?
												432	SSD, ripped up sed



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												432	
													fractured w. org. mat
												433	
													fractured dried sed wt-dry cycle
												434	
													carb. con; cloudy look parallel lam
												435	
												436	
												437	
													mm scale laminated with sid formation in m grey silt s w ss lft shingles
												438	
													med grey silt sid orange yellow-green siderite
												439	biot. in m grey ss
												440	
													vine bone coal
												441	
												442	

act?

