


United States Nuclear Regulatory Commission Official Hearing Exhibit		
In the Matter of: CROW BUTTE RESOURCES, INC. (License Renewal for the In Situ Leach Facility, Crawford, Nebraska)		
	ASLBP #: 08-867-02-OLA-BD01	Identified: 8/18/2015 Withdrawn: Stricken: Other:
	Docket #: 04008943	
	Exhibit #: NRC-036-00-BD01	
	Admitted: 8/18/2015	
	Rejected:	

NRC-036
Submitted: 5/8/2015

Chapter E – Geology and Seismology

Table E.2-2 North Trend Representative Stratigraphic Section

DEPTH (FT-BGS)	GROUP	FORMATION & MEMBER (SCHULTZ AND STOUT, 1955)			FORMATION & MEMBER (REVISED)		REFERENCES (REVISED)
25-110	White River Group	Brule Formation	Whitney Member		Brule Formation	"Brown Siltstones"	LaGarry (1998)
						Whitney Member	
			Orella Member	Orella D		Orella Member	
				Orella C			
				Orella B			
		Orella A					
110-290		Chadron Formation	Upper Chadron	Chadron C	Chadron Formation	Big Cottonwood Creek Member	Terry (1998) Terry & LaGarry (1998)
Upper/Middle Chadron			Chadron B				
Middle Chadron				Chadron A		Peanut Peak Member	Terry (1998) Terry & LaGarry (1998)
Red Clay Horizon			Chamberlain Pass Formation		Upper Interior Paleosol	Terry (1998)	
Basal Chadron Sandstone	Channel Sandstone				Terry (1998)		
Varying	Montana Group	Pierre Shale	Interior Paleosol		Pierre Shale	Yellow Mounds Paleosol	Retallack (1983) Terry (1998)
659+			Pierre Shale			Pierre Shale	Terry (1998)

NOTES:

- 1) Topsoil, colluvial and alluvial deposits are not shown, but are Quaternary in age and range in thickness from 0 to 25 ft-bgs.
- 2) ft-bgs = feet below ground surface