U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY

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and the second second	199	279/10		No the	
5270000- +	D	ESCRIPTION OF S	URFICIAL GEOLOGIC AND WET (after Bookstrom and others, 1999)	LAND MAP UNITS:	
		Riverine unit	River channel at summer water level	and the second second	
	1	River-bank wedge	Wedge shaped deposits of lead-rich sediment facing slope of the natural levee	s on the river-	
1 all	ate -	Levee-upland unit	vee-upland unit Floodplain-facing slope of the natural levee, from the levee crest to the		
The	Palustrine unit Adjacent lateral marsh or lateral lake Lateral marshes, seasonally to perennially flooded to less than 2 m deep		oded to less than 2 m deep		
		Lacustrine unit	Lateral lakes, with littoral margins (less than bottoms (more that 2 m deep at summer wate larger scale maps by Bookstrom and others.	2 m deep), and limnetic er level), as shown on	
The second		Highland unit	Bedrock hills lateral to the floodplain, with su and alluvium along tributary streams	urficial colluvium on hillsides	
5265000- +		Highland-floodplain transition unit	Alluvial and palustrine deposits, mostly on the especially where alluvial deposits from tribut plain deposits from the main stem of the Coe	e outer margins of the floodplain, ary streams merge with flood- ur d'Alene River	
19	1	Anthropogenic unit	Includes roads, railroad embankments, and d	redge-spoil deposits	
12	\sim	Floodplain boundary	Approximate high-water line of the February (after Bookstrom and others, 1999)	1996 flood	
int.		Area of Lead- rich sediments	Area covered by sediments containing at leas (after Bookstrom and others, 2001)	t 1000 ppm Pb	
	Referen Bookstro surficial Open-Fi Bookstro d'Alene Report O	 Reference: Bookstrom, A.A., Box, S.E., Jackson, B.L., Brandt, T.R., Derkey, P.D., and Munts, S.R., 1999, Digital map of surficial geology, wetlands, and deepwater habitats, Coeur d'Alene River valley, Idaho: U.S. Geological Survey Open-File Report OF 99-548, 121 p. Bookstrom, A.A., Box, S.E., Campbell, J.K., Foster, K.I., and Jackson, B.L., 2001, Lead-rich sediments, Coeur d'Alene River valley, Idaho: Area, volume, tonnage, and lead content: U.S. Geological Survey Open-File Report OF 01-14-, 44 p. 			
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Map Projection and 5,000-meter grid UTM zone 11, 1927 North American Datum

The digital elevation model (DEM) base map was compiled using the following 7.5 minute USGS 10 meter DEM's: Black Lake, Cataldo, Harrison, Lane, Mica Bay, Medimont, Mount Coeur d'Alene, Rochat Peak, Rose Lake, and Twin Crags.



BASELINE AND HISTORIC DEPOSITIONAL RATES AND LEAD CONCENTRATIONS, FLOODPLAIN SEDIMENTS, LOWER COEUR D'ALENE RIVER, IDAHO By Arthur A. Bookstrom, Stephen E. Box, Robert S. Fousek, John C. Wallis, Helen Z. Kayser, and Berne L. Jackson



Baseline Lead Concentrations in Sediments Deposited after 1980 on the Floodplain of the Coeur d'Alene River, Idaho

By Arthur A. Bookstrom, Stephen E. Box, John C. Wallis, and Berne L. Jackson

Scale 1:50,000



Dimensional calibration may vary between electronic plotters and between X and Y directions on the same plotter, and paper may change in size due to atmospheric conditions: therefore, scale and proportions may not be true on plots of this map.