

RELATIVE AGES OF GLACIAL PHASES IN DES MOINES, RED RIVER, WADENA, RAINY, AND SUPERIOR LOBES (See map of glacial lobes)

RELATIVE AGES OF ADVANCES	DES MOINES LOBE		RED RIVER LOBE		WADENA LOBE	RAINY LOBE	SUPERIOR LOBE			RELATIVE AGES OF ADVANCES	
		GRANTSBURG SUBLOBE		ST. LOUIS SUBLOBE			MINNESOTA	WISCONSIN	CHIPPEWA SUBLOBE		
7			ERSKINE PHASE (ERSKINE MORAINES)							7	
6	BIG STONE PHASE (BIG STONE MORAINES)		BIG STONE PHASE (BIG STONE MORAINES)				NICKERSON PHASE (TYPE NICKERSON MORAINES)	"GREATLAKEAN" PHASE		6	
5	ALTAMONT PHASE (TYPE ALTAMONT MORAINES IN SOUTH DAKOTA AND ALGONA MORAINES IN IOWA)			ALBORN PHASE (CULVER AND SUGAR HILL MORAINES)			NICKERSON PHASE (THOMPSON MORAINES SOUTH OF BARNUM, MINNESOTA)	"LATE PORT HURON" PHASE (?)		5	
4	BEMIS PHASE (TYPE BEMIS MORAINES IN SOUTH DAKOTA AND ALTAMONT MORAINES IN IOWA)	PINE CITY PHASE(S)				VERMILLION PHASE (TYPE VERMILLION MORAINES)	SPLIT ROCK PHASE(S)	"EARLY PORT HURON" PHASE(?)		4	
3										3	
2							ITASCA PHASE (ITASCA MORAINES)	VERMILLION PHASE (SOUTH OF VERMILLION MORAINES)	AUTOMBA PHASE (MILLE LACS MORAINES)	UNNAMED PHASES (?)	2
1								ST. CROIX PHASE (ST. CROIX MORAINES)	ST. CROIX PHASE (ST. CROIX MORAINES)		CHIPPEWA PHASE (CHIPPEWA MORAINES)