

Location	Company	Property	TYPE OF OPERATION		GEOLOGIC ENVIRONMENT			Date	LABORATORY TESTS		Remarks
			River Dredging	Open Pit	Out-Wash	Terrace Low	Terrace High		Kame, Etc.	Na ₂ SO ₄ % Loss - 5 cycles	
1	Warren Sand & Gravel Co.	Warren	X		X					A	Failed % wash loss test (>2.0 percent) " " (2.0 percent)
									8.44	B	
									4.78	22.1	
2	General Concrete Products Co.	Starbrick	X		X						
									5.37	25.4	
									4.27	25.2	
									3.49	21.8	
3	Oil City Sand and Gravel Co.	2-Mile Run	X		X						Failed to meet loss by wash several times and 2B gradation test once.
									5.19	29.8	
									6.57	31.3	
									9.35	27.5	
4	General Concrete Products Co.	Foster Grant Pit		X		X					
									6.95	32.2	
									9.39	32.4	
									5.38	--	
5	Tionesta Sand and Gravel Co., Inc.	Garland Pit		X	X						Composition of Gravel (PennDOT Lab.No. 73-32835): Greenish-gray to pale greenish-yellow, clay-rich siltstone (84%); tan to green-gray, fine to coarse-grained sandstone (12%); gneiss (4%). Some samples include chert (2%) and limestone (5%)
									8.85	27.9	
									7.54	25.6	
									11.18	23.3	
									8.47	24.6	
6	Tionesta Sand and Gravel Co., Inc.	Tidioute Pit		X		X					Qualified for use in bituminous concrete only on June 22, 1973 test. Composition of gravel (PennDOT Lab. No. 73-32834): tan to greenish-gray, very-fine to coarse grained sandstone (46%); green-gray to brown, micaceous to non-micaceous, clay-rich siltstone (46%); Chert (6%); gneiss (2%).
									5.82	35.2	
									5.86	32.0	
									3.67	25.5	
7	Tionesta Sand and Gravel Co., Inc.	Sugar Property, West Hickory									silt to laminated, clayey siltstone (42%); limestone (10%); chert (4%); gneiss (4%).
									7.29	26.0	
8	Tionesta Sand and Gravel Co., Inc.	Hunter Station		X		X					
									5.52	28.8	
9	Conneaut Lake Sand & Gravel Co.	Conneaut Lake		X							
									8.25	22.6	
									7.56	22.4	
10	Emlenton Limestone Co.	Conneaut Lake		X							
									6.15	22.9	
									8.32		