http://www.epa.gov/radiation/tenorm/sources_table.htm

Note: The following article is included from the EPA web site with EPA permission.

TENORM Sources: Summary Table

The summary table below provides a range of reported concentrations, and average concentration measurements of TENORM in various wastes and materials. This is not a comprehensive list, as TENORM radiation is known to occur in many other materials, but should provide a general sense of the hazards posed by this class of radioactive substances.

Note:

Unless otherwise noted, the radiation level of each waste is shown in the units <u>pCi/gram</u>. For comparison purposes, the average level of radium in soil ranges from less than 1 to slightly more than 4 pCi/gram. "NA" indicates data is not available.

Product or Byproduct:	Radiation Level [pCi/g]			
	low	average	high	
Soils of the United States	0.2	NA	4.2	
Geothermal Energy Waste Scales	10	132	254	
Petroleum (oil and gas)				
Produced Water [pCi/l	0.1	NA	9,000	
Pipe/Tank Scale	< 0.25	<200	>100,000	
Water Treatment				
Treatment Sludge [pCi/l]	1.3	11	11,686	
Treatment Plant Filters	NA	40,000	NA	
Aluminum				
Ore (Bauxite)	4.4	NA	7.4	
Product		0.23		
Production Wastes	NA	3.9-5.6	NA	
Coal and Coal Ash				
Bottom Ash	1.6	3.5-4.6	7.7	

	Fly Ash	2	5.8	9.7	
Copper Waste Rock		0.7	12	82.6	
Fertilizers (Phosphate & Potassium) Phosphate					
`	Ore (Florida)	7	17.3-39.5	6.2-53.5	
	Phosphogypsum	7.3	11.7-24.5	36.7	
	Phosphate Fertilizer	0.5	5.7	21	
Gold and Silver					
Rare Earths (Monazite, 2	Xenotime, Bastnasite)	5.7	NA	3224	
Titanium Ores			8.0	24.5	
	Rutile		19.7	NA	
	Ilmenite	NA	5.7		
	Wastes	3.9	12	45	
Uranium					
	Uranium Mining Overburden		low hundreds		
	Uranium In-Situ Leachate Evaporation Pond	3	30	3000	
	Solids	300			
Zircon			68		
	Wastes	87		1300	