

# **Pollution potential of beneficial uses of bottom coal ash**

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**Bottom ash is one of the main coal  
combustion byproducts  
(~ 10% of CCB)**

**It represents the coarser part of the  
inorganic residues which fall to the bottom  
of the combustion chamber.**

**Characterization tests carried out on  
bottom ash produced in Israel  
showed that it belongs to the  
“inert waste” class as defined by the  
Council Working Party of  
Environment Party of the  
Environment of the European  
Communities**

**It causes no further environmental problems, has negligible radioactivity, and causes practically no atmospheric pollution.**

**It is maybe worthwhile to mention that we recently analyzed some inhalable (less than 10  $\mu$ ) grains (37) from the Blend (Indonesian) ash and 25 from the BB Prime (South African) ash and none of them contained quartz.**