

TR 11-187-188

**R. 533 PART 2****13. CORNWALL COAL Co. N.L.: ROYAL GEORGE MINE:  
SAMPLING****Introduction**

Following sample preparation work done on the Razorback ores from Dundas the results of that work have been applied to the above ore to see what differences occur.

**Method**

Samples 664159 and 664161 were reduced according to the practice recommended in R.533 namely, reduction to 22 mesh before cutting assay samples. The samples thus prepared are marked "X".

While reducing the above samples the usual practice of cutting assay samples at 8 mesh was also used. The two parts of the final riffing at 8 mesh were assayed as samples "Y" and "Z".

All assay samples were done in duplicate.

**Results**

<i>Reg. No.</i>	<i>Per Cent Tin</i>		
	<i>X</i>	<i>Y</i>	<i>Z</i>
664159 ....	0.37	0.36	0.38
	0.35	0.37	0.39
664161 ....	0.23	0.22	0.18
	0.22	0.22	0.21

These results show good agreement from whatever sampling procedure was used, hence the finer crushing does not appear necessary on this ore.