

Memorandum

Lynas Find Radiation

Pilbara Minerals Ltd

To:	Eulogio Almanza	Pilbara Minerals Ltd
From:	Greg Barrett	Talis Consultants
Date:	22 March 2023	

The following provides background to the data presented in response to item 4.1.6.3 in the Lynas Find referral under the *Environmental Protection and Biodiversity Conservation Act 1999*.

Pilbara Minerals acquired the Lynas Find project from Dakota Minerals in 2016. As part of the acquisition, PML obtained access to the results of previous drilling programs, including a comprehensive multi-element assessment of 76 drill holes sampled at 1 metre intervals. The samples were obtained as chips via reverse circulation drilling. The following is a summary of results for becquerels per gram (Bq/g) from over 4,000 assays. The assays showed an average value of 0.24 Bq/g across the deposit. The maximum value returned was 1.21 Bq/g.

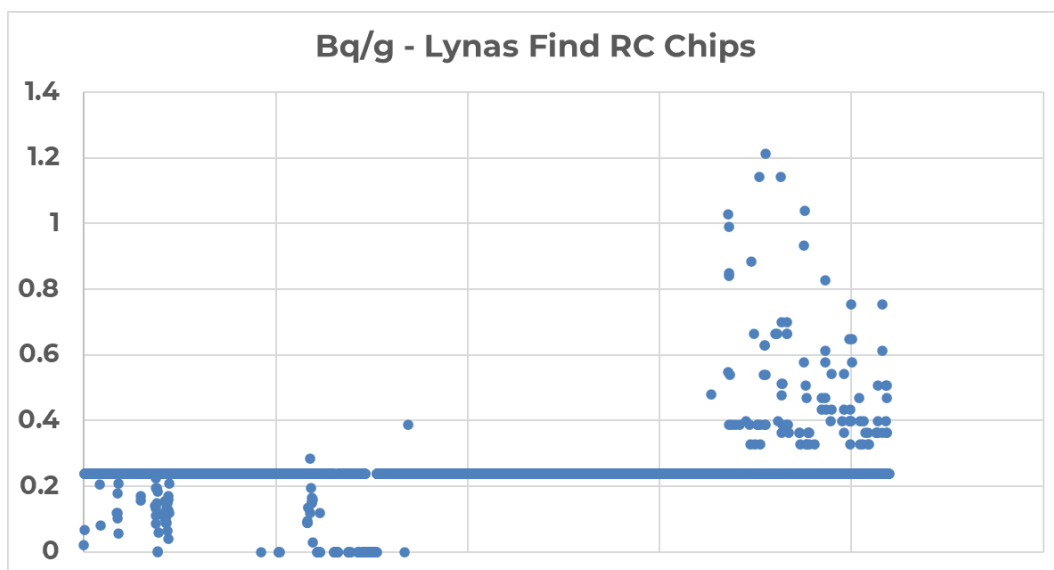


Figure -1 Lynas Find Bq/g

Table Error! No text of specified style in document.-1 Lynas Find Radiation Data Summary

Aspect	Bq/g
Number of Assays	4196
Mean	0.2376
Minimum	0.0000
Maximum	1.2128
Standard Deviation	0.0686

Material containing less than 1 Bq/g is exempt from radiation-related regulation and is not triggered under the EPBC Act. As the vast majority of samples from the Lynas Find drilling program show values well below this threshold, no significant impact is expected from the mining operations.