**OXREF:** N107x74

Submitted: 13-07-2007

Analysis: 13-07-2007

Data file name: B1ISL2#0

84371

181278

Client: Heritage Conservation services

Description: Bousted pot

Period: 15-16th CAD

Beta dose rate=578.11 rads/min

1

Alpha dose rate=872 rads/min

Comments:

2nd gl 430 B

2nd g1870 B

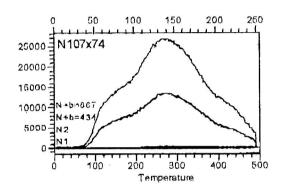
Port

r art			
Measurement	Disc	Int interval	Integra)
Natural	1	175-184	2284
Natural	2	175-184	2288
Nat+430 B	3	175-184	90906
Nat+870 B	4	175-184	184088
Nat+2620 A	5	175-184	184377
Nat+5230 A	G	175-184	215825

175-184

175-184

Age	260±50	Age limits	0-100
Dosc mte	0.243	Age(I=0)	40±10
K₂O	1%	Env dose	100
a valuo	0.024	Alpha count	7.2
I сотт		Total	9
Beta ED	9	Alpha ED	368



Age limits: less than 100

Even with an assumed potassium analysis of 0% and environmental dose-rate of 20mrad/a, the age TL age is less than 100 years.

The sample was prepared by washing in acetic acid and depositing fine grains onto 6 aluminium discs. The sample was analysed on a Riso Minisys TL reader under a continuously flow of nitrogen. The system is equipped with both alpha and beta emitting radiation sources sources. The dose-rates are automatically adjusted daily.