

# Thick, high grade clay-hosted Rare Earths confirmed at Peak Charles

## HIGHLIGHTS:

- Assay results received and analysed from phase-2 reconnaissance aircore drill program at Peak Charles Project near Esperance
- 81% of all 43 phase 2 aircore drill holes returned assays greater than 300ppm TREO and 35% returned assays greater than 750ppm TREO
- Best 2m composite sample was in *PPAC095: 56-58m @ 2118ppm TREO*.
- Outstanding Total Rare Earth Oxides (TREO) results returned at Top Block prospect with large thicknesses of high grade clay-hosted mineralisation (grades below based on 300ppm TREO cutoff)
  - *PPAC095: 56m @ 1,023ppm TREO from 24m, including 18m @ 1,470ppm TREO*
  - *PPAC094: 40m @ 689ppm TREO from 30m, including 6m @ 1,057ppm TREO*
  - *PPAC096: 21m @ 1,056ppm TREO from 24m, including 8m @ 1,528ppm TREO*
  - *PPAC097: 18m @ 971ppm TREO from 20m, including 6m @ 1,185ppm TREO*
- Drilling to date shows Top Block prospect extends at least 1.4km
- Presence of green muscovite and elevated TREO levels at the base indicates hydrothermally altered granite is source of rare earth mineralisation at Top Block
- Partial testing of Rolland East prospect (borders OD6 Grass Patch – Belgian Road Prospect) encountered mineralisation up to 8m @ 580ppm TREO in PPAC121
- Follow up soil sample survey completed over Gimli and Pippin rare earth prospects identified earlier this year
- Land access agreement completed for Gimli prospect. Agreement to be lodged with DMIRS and ratified, with POW for drilling to follow

## NEXT STEPS:

- Passive seismic survey over the Top Block prospect to define the extent of the Top Block clay basin
- Complete aircore drilling at Rolland East prospect and road reserve access drilling around the Gimli prospect
- Land access agreements with landholders of Top Block prospect
- POW applications for Top Block aircore drilling on crown land and land of the State of Western Australia west and east of the highly prospective Top Block drill line
- Soil sampling of the Rad 2 anomaly after harvesting of the current wheat crop



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The ASX logo, consisting of the letters "ASX" in a large, bold, blue, stylized font.

ANNOUNCEMENT

26 November 2023

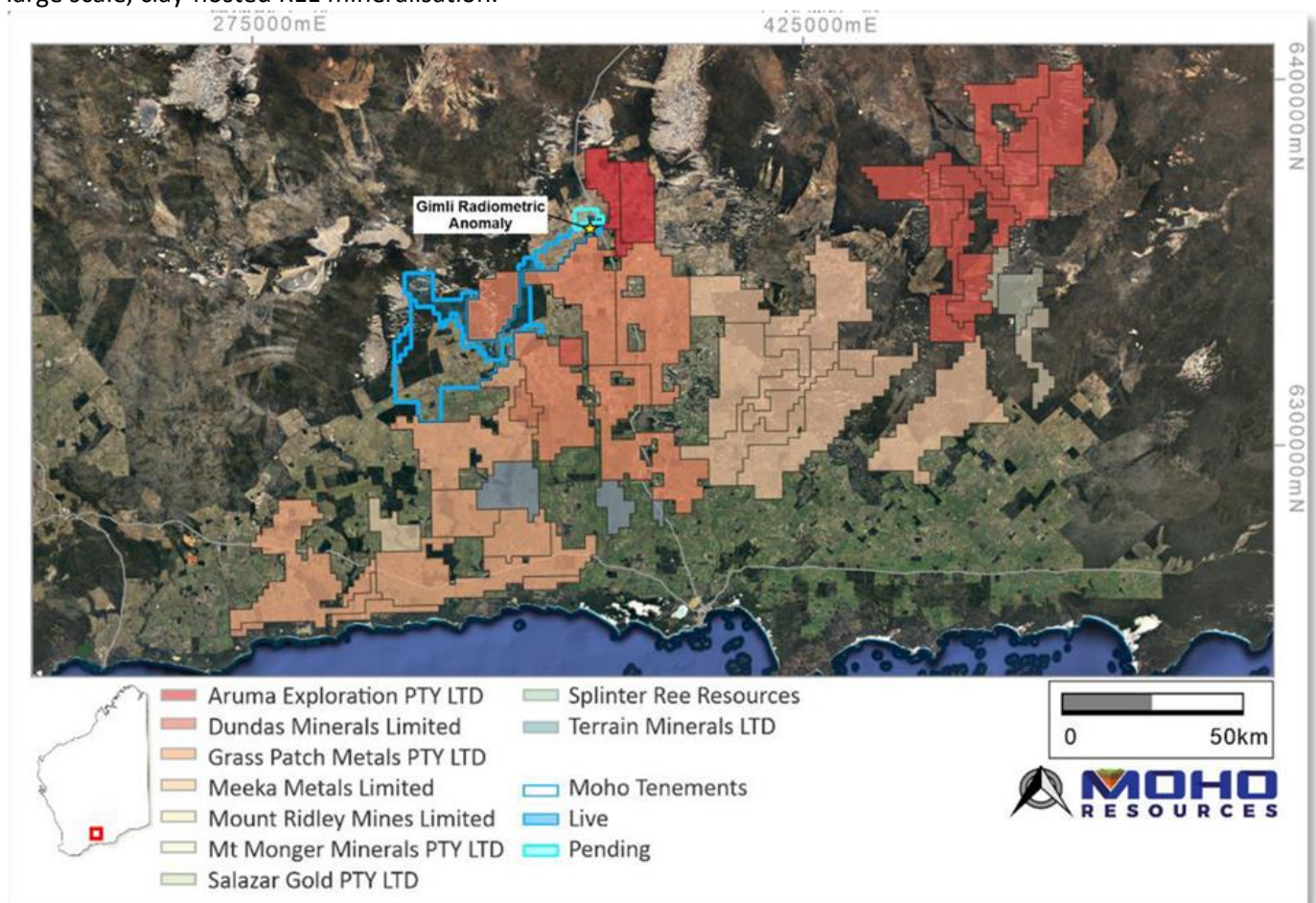
**“The second phase of Outstanding Total Rare Earth results from Peak Charles with large thicknesses of clay hosted rare earth mineralisation over 1.4km is a fantastic outcome for the company’s critical minerals strategy. With positive landholder relationships being cultivated the company is perfectly situated to take advantage of the burgeoning clay hosted rare earth province near Esperance and now has multiple targets to expand across the project.”**

- Mr Ralph Winter, Managing Director

Moho Resources Ltd (**Moho** or the **Company**) is pleased to advise that the assay results of the second round of reconnaissance aircore drilling at the Peak Charles Project north of Esperance in WA have been received and analysed<sup>1</sup>.

The objective of the phase 2 drill program was to test the continuation of the clay basin hosted rare earth elements mineralisation which had been identified between three different prospects during the first phase of drilling<sup>2</sup>.

Moho’s 100% owned Peak Charles Project (Figure 1) is a 719km<sup>2</sup> contiguous tenement package located approximately 90 km northwest of Esperance, Western Australia. The project comprises five granted exploration licenses (E74/695, E74/766, E63/2162, E63/2163 and E63/2344) and one pending exploration license applications (E74/694). The Peak Charles Project was acquired through a deal with Whistlepipe Exploration Pty Ltd (ASX announcement; *MOHO EXPANDS NICKEL & GOLD SEARCH IN WA, 25 October 2021*). Although the original target commodities for the Peak Charles Project were Ni-Cu sulphide and gold, the project has now shown potential for large scale, clay-hosted REE mineralisation.



**Figure 1: Moho’s Peak Charles Project in relation to other companies exploring for REE (on Google Earth image)**

The Peak Charles Project tenements adjoin the Grass Patch tenements of OD6 Metals Ltd. OD6 reported recently high-grade clay REE on their regional reconnaissance drilling at Grass Patch Project (OD6 ASX announcement 24 March 2023).

<sup>1</sup> Moho ASX announcement 14 July 2023 “Rare Earth Exploration Update for Peak Charles”

<sup>2</sup> Moho ASX announcement 20 April 2023 “Significant Clay-hosted Rare Earths Intersected Peak Charles”



REE, particularly neodymium (Nd) and praseodymium (Pr), are becoming increasingly important in the global economy, with uses including advanced electronics, permanent magnets in electric motors and electricity generators and battery technologies. Currently, clay-hosted REE deposits are primarily economically extracted in China, with a number of other projects being explored elsewhere in the world including Western Australia.

### Phase 2 Reconnaissance Aircore Drill Program

The second phase 43-hole reconnaissance and infill aircore drill program at E74/695 was designed to further understand the geological constraints of the project area, and to test for the continuation of the clay-hosted REE mineralisation defined during the first phase of aircore drilling. The drilling was carried out along road reserves and existing tracks at a 400m hole spacing and drilled to refusal at the base of the clay basin. The location of the phase 1 and 2 drill holes is shown in Figure 2. Infill holes at the Northern Track and several holes at the Rollond East prospect were abandoned due to wet ground conditions.

The reconnaissance drilling program for the Gimli prospect on E 63/2163 had also to be abandoned due to the wet ground conditions and associated safety concerns on the road reserves. Moho personnel has collected surface geochemical samples over the Gimli radiometric anomaly.

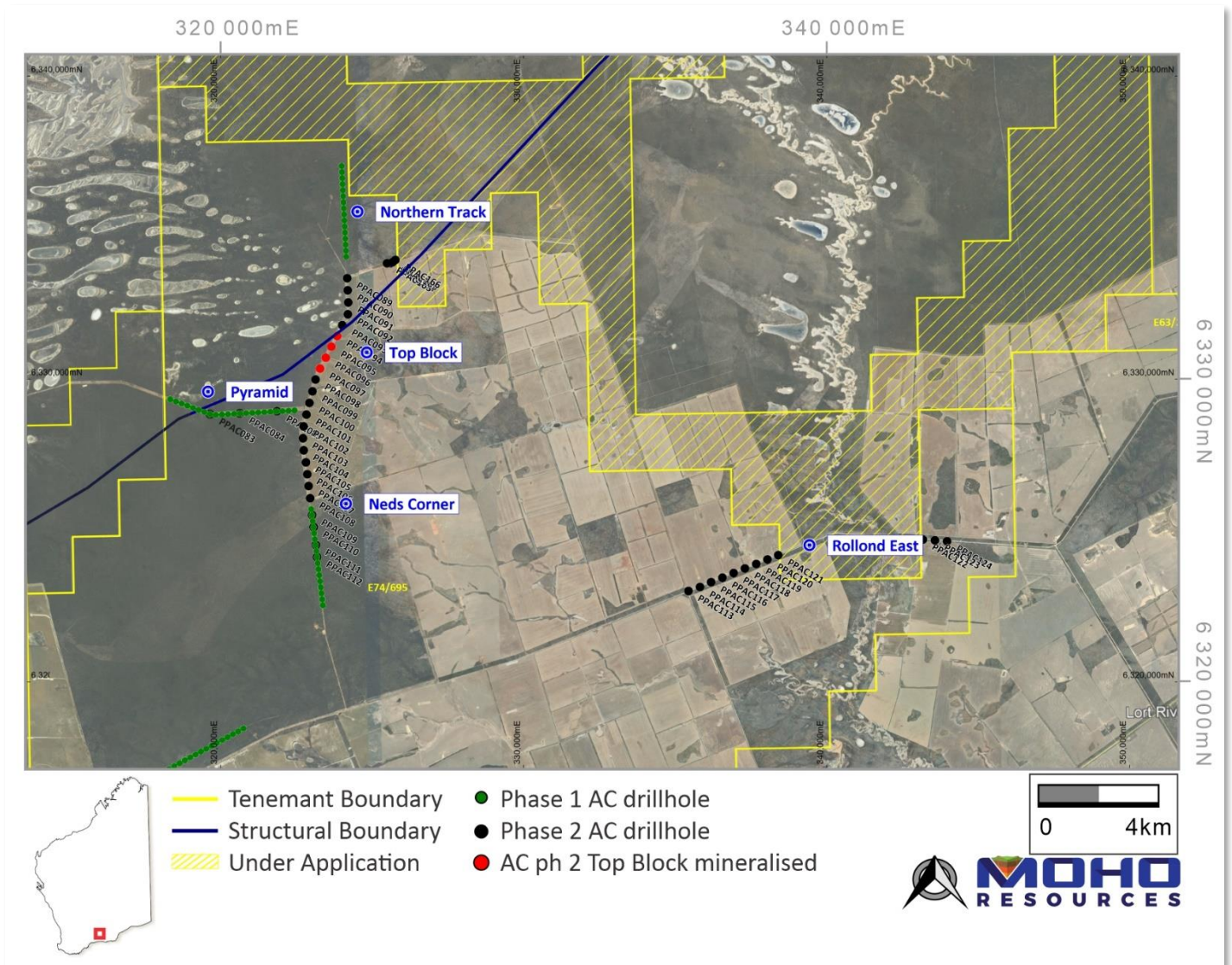


Figure 2: Moho’s Peak Charles Project Aircore Drillhole location plan showing phase 1 and 2 collars on Google Earth image)

## Highlights of Aircore Drill Assay Results:

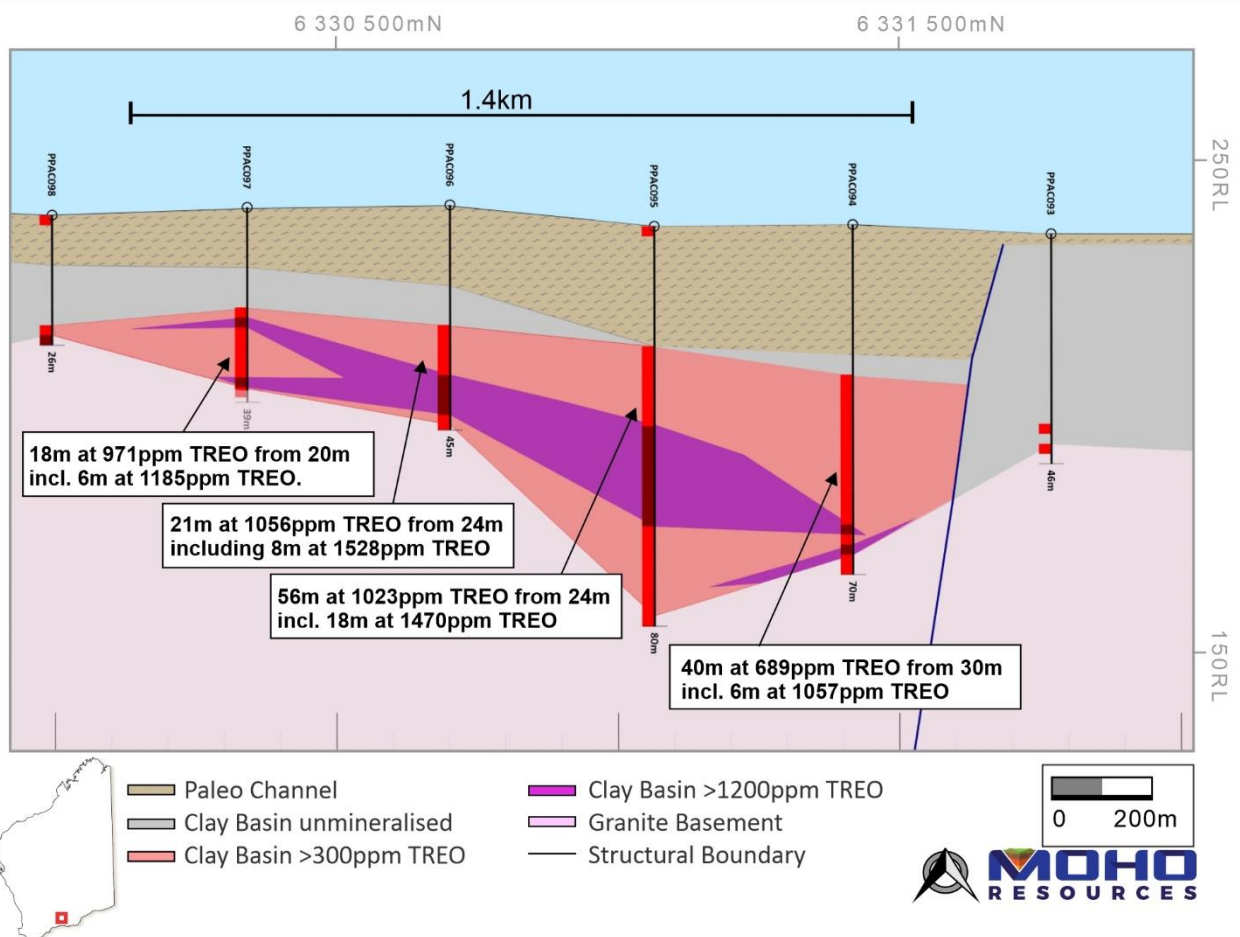
- Following the significant areas of high-grade clay hosted rare earth confirmed from the first stage 81-hole program at E 74/695 the second phase was completed testing the Top Block prospect.
- 43 holes were completed for a total of 1673m with 400m hole spacing and an average hole depth of 39m.
- 35% of the holes returned assays greater than 750ppm TREO, however the majority of assays over 750ppm TREO came from 4 drillholes at the Top Block prospect, PPAC094 to PPAC097 (Table 1)
- High grade clay hosted rare earths mineralisation confirmed, with large thicknesses at the Top Block prospect, namely:
  - 56 metres at 1023ppm TREO from 24 metres in PPAC095 including 18 metres at 1470ppm TREO.
  - 40 metres at 689ppm TREO from 30 metres in PPAC094 including 6 metres at 1057ppm TREO.
  - 21 metres at 1056ppm TREO from 24 metres in PPAC096 including 8 metres at 1528ppm TREO.
  - 18 metres at 971ppm TREO from 20 metres in PPAC097 including 6m at 1185ppm TREO.
  - Grades are calculated with 300ppm TREO cut off.
  - Grades up to 2117 ppm Total Rare Earth Oxides (TREO).
- The Top Block prospect extends 1.4km along the drill line.
- Aircore drillholes PPAC094, PPAAC095, PPAC096 and PPAC097 intersected 18m to 56m thick mineralised (average 922ppm TREO) clay basin from 20m to 30m below the surface.
- In these 4 drillholes the granite basement is hydrothermally altered with green muscovite present and elevated TREO levels from around 600ppm TREO, indicating the presence of the REO source granite for the mineralisation in the clay basin.
- The Rolland East prospect bordering the OD6 Grass Patch – Belgian Road Prospect has also been partly tested with 11 holes completed of the planned 17 drill holes with mineralisation encountered up to 8m @ 580ppm TREO.
- 35% of all holes drilled returned grades greater than 750ppm TREO.
- High value Nd + Pr Oxides represent an average of 19.7% of the TREO grade.
- High value Magnet RE-Oxides represents an average of 24.8%of the TREO grade.
- Heavy RE-Oxides represent an average of 9.5% of the TREO grade.

HoleID	Depth From	Depth To	Interval	TREO	Nd+Pr%	Mag%	Heavy%	Critical
PPAC095	56	58	2	2117.69	23.77	32.45	18.02	31.60
PPAC096	34	36	2	1753.56	21.77	26.25	6.06	20.68
PPAC095	40	42	2	1751.48	16.11	18.99	3.67	14.53
PPAC097	34	36	2	1670.03	18.87	22.09	3.66	16.49
PPAC096	38	40	2	1590.49	21.53	26.54	8.04	22.22
PPAC095	52	54	2	1551.33	23.42	28.31	6.78	22.44
PPAC097	22	24	2	1505.78	22.92	27.28	4.78	20.26
PPAC096	36	38	2	1501.74	21.71	26.59	8.36	22.65
PPAC095	44	46	2	1422.75	17.59	21.11	4.79	16.51
PPAC095	50	52	2	1406.04	24.37	29.40	7.05	23.34
PPAC095	46	48	2	1349.26	20.24	24.47	5.90	19.37
PPAC094	64	66	2	1293.96	19.17	23.71	8.07	20.31
PPAC095	54	56	2	1287.29	25.45	31.91	11.20	27.57
PPAC096	40	42	2	1268.08	22.51	28.50	10.75	25.16
PPAC095	58	60	2	1257.79	20.18	26.02	11.65	24.08
PPAC095	48	50	2	1192.08	23.81	28.55	6.51	22.46
PPAC094	60	62	2	1160.79	18.94	22.33	4.81	17.54
PPAC095	42	44	2	1150.07	17.00	20.10	4.03	15.40
PPAC095	38	40	2	1125.31	8.76	10.68	2.71	8.44
PPAC095	34	36	2	1059.16	7.84	9.55	2.32	7.40
PPAC095	70	72	2	1040.98	18.45	22.72	7.83	19.66
PPAC097	24	26	2	1025.16	19.99	24.01	4.46	17.85
PPAC097	26	28	2	1023.90	19.67	23.33	4.05	17.31

PPAC095	72	74	2	1015.40	18.55	22.70	7.43	19.35
PPAC095	60	62	2	992.98	18.52	23.08	8.16	19.96
PPAC095	74	76	2	987.98	18.32	22.38	7.61	19.40
PPAC097	28	30	2	983.79	18.47	21.94	3.94	16.36
PPAC094	36	38	2	982.37	26.43	32.53	10.93	27.86
PPAC096	30	32	2	975.87	20.82	24.93	5.62	19.36
PPAC094	30	32	2	975.74	16.09	18.93	4.02	14.62
PPAC096	28	30	2	960.60	20.56	24.32	4.64	18.45
PPAC094	66	68	2	938.08	17.60	22.56	10.89	21.51
PPAC095	68	70	2	916.43	18.70	22.33	5.45	17.80
PPAC095	24	26	2	886.37	9.69	12.08	3.33	9.55
PPAC097	30	32	2	862.14	18.11	21.99	4.85	16.78
PPAC096	26	28	2	854.90	21.19	25.47	5.91	19.81
PPAC095	66	68	2	833.69	19.16	22.77	5.26	18.05
PPAC096	32	34	2	822.74	20.79	24.91	5.34	19.15
PPAC095	76	78	2	785.72	18.17	22.02	7.11	18.84
PPAC094	68	70	2	784.88	17.82	23.34	12.19	22.83
PPAC095	64	66	2	751.55	19.77	23.35	4.87	18.28

**Table 1: Top Block Rare Earth Oxides significant intercepts (ordered by TREO grade)**

The Top Block prospect is located between the Pyramid, Northern Track and Neds Corner prospects that were tested with the phase 1 Air Core drilling program in December 2022. At the Neds Corner and Pyramid prospects several infill drill holes were also completed. The recent assay results confirm the assay results from the phase 1 drilling. The Top Block prospect drill holes PPAC089 to PPAC108 are linking the Northern Track and Neds Corner phase 1 drill holes with the Pyramid Road drill holes joining on between PPAC100 and PPAC101. The holes PPAC094 to PPAC097 intersected thick and consistent high grade TREO mineralisation (Figure 3). The thicknesses of the TREO mineralisation in these 4 holes are about 5 to 10 times larger and the assays are about double compared with those from other mineralised drill holes at this project. These 4 holes were all completed in altered granite containing green muscovite and elevated TREO levels from around 600ppm.



**Figure 3: Moho's Top Block Prospect cross section (vertical exaggeration x10)**



Assays received from 81% of all the phase 2 aircore drill holes returned assays greater than 300ppm TREO (Table 2)

HoleID	Depth From	Depth To	Interval	TREO	Nd+Pr%	Mag%	Heavy%	Critical
PPAC083	18	20	2	792.95	24.9	29.9	7.1	23.2
PPAC083	20	22	2	378.06	20.2	24.8	7.9	20.6
PPAC083	24	26	2	355.26	17.8	22.3	8.8	19.7
PPAC083	28	30	2	450.30	20.3	24.7	7.1	20.3
PPAC083	30	32	2	320.66	16.8	21.3	8.3	18.5
PPAC083	34	36	2	303.83	18.7	23.4	8.6	20.3
PPAC083	38	40	2	384.44	17.5	21.6	6.6	17.8
PPAC083	40	42	2	312.12	18.6	23.6	9.7	21.0
PPAC083	42	44	2	300.89	17.7	22.7	10.8	21.5
PPAC084	0	2	2	305.09	24.4	33.7	22.1	35.6
PPAC084	36	38	2	759.79	22.2	27.4	7.9	22.1
PPAC084	38	40	2	467.59	22.9	27.1	5.6	20.8
PPAC084	40	42	2	308.88	24.0	28.9	7.2	22.7
PPAC084	44	46	2	412.13	25.0	31.6	10.3	26.0
PPAC084	48	50	2	353.56	22.2	28.1	9.9	23.8
PPAC084	50	52	2	307.41	20.9	26.9	11.6	24.0
PPAC084	52	54	2	382.59	22.0	27.7	10.5	24.2
PPAC084	54	56	2	513.26	21.8	26.7	9.1	23.1
PPAC084	56	58	2	640.51	22.8	28.5	10.6	25.1
PPAC084	58	59	1	491.66	21.8	28.0	13.6	26.9
PPAC085	0	2	2	377.53	23.4	31.0	16.6	30.4
PPAC085	54	56	2	768.46	18.5	22.0	4.8	17.1
PPAC085	56	58	2	831.55	19.0	23.1	6.3	18.7
PPAC089	34	36	2	329.84	20.5	25.0	5.5	19.2
PPAC090	2	4	2	345.65	19.4	26.0	14.4	25.5
PPAC090	30	32	2	1177.79	31.5	38.2	6.8	28.1
PPAC091	50	52	2	562.12	14.7	18.1	3.6	13.3
PPAC091	52	54	2	327.32	12.9	16.2	4.3	12.5
PPAC091	54	56	2	319.34	12.4	15.4	3.6	11.5
PPAC092	38	40	2	1006.46	31.7	38.5	7.2	28.6
PPAC093	38	40	2	445.43	18.2	22.2	5.1	17.1
PPAC093	42	44	2	433.26	14.4	17.8	5.2	14.5
PPAC094	30	32	2	975.74	16.1	18.9	4.0	14.6
PPAC094	32	34	2	375.05	16.4	19.9	6.1	16.6
PPAC094	34	36	2	447.17	20.0	24.2	7.1	20.2
PPAC094	36	38	2	982.37	26.4	32.5	10.9	27.9
PPAC094	38	40	2	583.16	26.1	33.4	16.3	32.2
PPAC094	40	42	2	635.10	18.6	23.1	11.5	22.9
PPAC094	42	44	2	569.66	17.7	21.3	6.7	18.1
PPAC094	44	46	2	649.57	20.1	24.0	7.2	20.3
PPAC094	46	48	2	553.53	22.5	27.1	8.2	22.7
PPAC094	48	50	2	535.02	18.5	22.1	6.7	18.7
PPAC094	50	52	2	579.81	17.3	20.8	5.9	17.2
PPAC094	52	54	2	413.14	18.8	23.2	8.0	20.0
PPAC094	54	56	2	582.05	20.1	25.1	8.8	21.5
PPAC094	56	58	2	429.52	19.6	25.4	10.9	22.9
PPAC094	58	60	2	575.72	18.7	23.6	9.3	20.9
PPAC094	60	62	2	1160.79	18.9	22.3	4.8	17.5
PPAC094	62	64	2	715.08	18.4	22.2	6.2	18.3

PPAC094	64	66	2	1293.96	19.2	23.7	8.1	20.3
PPAC094	66	68	2	938.08	17.6	22.6	10.9	21.5
PPAC094	68	70	2	784.88	17.8	23.3	12.2	22.8
PPAC095	0	2	2	502.29	20.6	27.2	14.3	26.3
PPAC095	24	26	2	886.37	9.7	12.1	3.3	9.5
PPAC095	26	28	2	484.60	13.2	16.6	5.6	13.8
PPAC095	28	30	2	328.82	10.6	13.4	4.5	11.1
PPAC095	30	32	2	480.61	10.5	12.9	3.7	10.3
PPAC095	32	34	2	597.53	9.3	11.2	2.8	8.9
PPAC095	34	36	2	1059.16	7.8	9.5	2.3	7.4
PPAC095	36	38	2	745.45	9.9	12.2	3.5	9.8
PPAC095	38	40	2	1125.31	8.8	10.7	2.7	8.4
PPAC095	40	42	2	1751.48	16.1	19.0	3.7	14.5
PPAC095	42	44	2	1150.07	17.0	20.1	4.0	15.4
PPAC095	44	46	2	1422.75	17.6	21.1	4.8	16.5
PPAC095	46	48	2	1349.26	20.2	24.5	5.9	19.4
PPAC095	48	50	2	1192.08	23.8	28.6	6.5	22.5
PPAC095	50	52	2	1406.04	24.4	29.4	7.0	23.3
PPAC095	52	54	2	1551.33	23.4	28.3	6.8	22.4
PPAC095	54	56	2	1287.29	25.4	31.9	11.2	27.6
PPAC095	56	58	2	2117.69	23.8	32.4	18.0	31.6
PPAC095	58	60	2	1257.79	20.2	26.0	11.7	24.1
PPAC095	60	62	2	992.98	18.5	23.1	8.2	20.0
PPAC095	62	64	2	527.88	19.4	23.2	6.0	18.9
PPAC095	64	66	2	751.55	19.8	23.3	4.9	18.3
PPAC095	66	68	2	833.69	19.2	22.8	5.3	18.0
PPAC095	68	70	2	916.43	18.7	22.3	5.4	17.8
PPAC095	70	72	2	1040.98	18.5	22.7	7.8	19.7
PPAC095	72	74	2	1015.40	18.5	22.7	7.4	19.4
PPAC095	74	76	2	987.98	18.3	22.4	7.6	19.4
PPAC095	76	78	2	785.72	18.2	22.0	7.1	18.8
PPAC095	78	80	2	608.02	18.6	23.1	8.6	20.4
PPAC096	24	26	2	373.76	19.4	23.9	7.2	19.5
PPAC096	26	28	2	854.90	21.2	25.5	5.9	19.8
PPAC096	28	30	2	960.60	20.6	24.3	4.6	18.5
PPAC096	30	32	2	975.87	20.8	24.9	5.6	19.4
PPAC096	32	34	2	822.74	20.8	24.9	5.3	19.2
PPAC096	34	36	2	1753.56	21.8	26.3	6.1	20.7
PPAC096	36	38	2	1501.74	21.7	26.6	8.4	22.7
PPAC096	38	40	2	1590.49	21.5	26.5	8.0	22.2
PPAC096	40	42	2	1268.08	22.5	28.5	10.7	25.2
PPAC096	42	44	2	672.92	21.8	28.2	13.0	26.7
PPAC096	44	45	1	630.30	18.8	26.1	20.9	30.7
PPAC097	20	22	2	685.98	26.5	31.8	5.8	23.6
PPAC097	22	24	2	1505.78	22.9	27.3	4.8	20.3
PPAC097	24	26	2	1025.16	20.0	24.0	4.5	17.8
PPAC097	26	28	2	1023.90	19.7	23.3	4.0	17.3
PPAC097	28	30	2	983.79	18.5	21.9	3.9	16.4
PPAC097	30	32	2	862.14	18.1	22.0	4.8	16.8
PPAC097	32	34	2	459.08	17.7	21.7	5.4	17.0
PPAC097	34	36	2	1670.03	18.9	22.1	3.7	16.5
PPAC097	36	38	2	526.02	19.8	23.7	4.6	17.9
PPAC098	0	2	2	360.53	24.9	34.0	20.6	34.7
PPAC098	22	24	2	600.44	16.5	20.0	4.1	14.9

PPAC098	24	26	2	1152.37	19.8	24.2	5.6	18.7
PPAC099	0	2	2	310.59	21.1	28.8	17.5	29.3
PPAC099	28	30	2	323.10	13.1	17.0	7.6	15.2
PPAC100	12	14	2	474.18	14.3	17.4	4.1	13.2
PPAC100	24	26	2	449.74	17.2	20.8	4.2	15.5
PPAC100	26	28	2	442.36	19.0	23.2	5.2	17.7
PPAC100	28	29	1	452.71	19.5	24.0	5.8	18.6
PPAC101	24	26	2	406.53	14.5	17.6	3.9	13.1
PPAC101	26	28	2	339.27	16.8	20.8	5.8	16.3
PPAC101	28	30	2	334.39	17.5	21.6	5.6	16.7
PPAC101	32	34	2	305.29	17.2	21.6	6.5	16.9
PPAC102	18	20	2	321.87	16.1	20.7	8.2	18.0
PPAC102	20	22	2	372.12	23.3	30.0	10.4	24.8
PPAC102	22	24	2	302.79	21.6	28.0	12.1	24.9
PPAC104	18	20	2	524.93	10.3	12.0	1.8	8.2
PPAC104	22	24	2	448.49	11.5	14.8	7.9	14.3
PPAC104	28	30	2	434.96	21.8	30.8	16.7	28.9
PPAC104	32	34	2	667.02	23.2	32.8	20.4	33.2
PPAC104	34	36	2	635.48	20.7	32.2	32.6	41.2
PPAC104	36	38	2	341.89	14.9	25.6	44.0	46.3
PPAC106	10	12	2	664.43	16.8	19.6	2.4	13.9
PPAC106	20	22	2	326.59	17.0	19.8	3.1	14.2
PPAC107	40	42	2	366.84	20.0	23.6	3.6	17.4
PPAC108	12	14	2	359.48	12.8	14.6	1.8	10.2
PPAC108	22	24	2	357.53	19.3	23.4	5.1	18.0
PPAC108	24	26	2	566.45	19.2	23.4	5.7	18.5
PPAC108	26	28	2	709.56	18.7	23.0	6.3	18.7
PPAC108	28	30	2	422.43	17.3	21.3	6.2	17.5
PPAC110	20	22	2	458.17	11.4	14.3	5.0	11.6
PPAC110	24	26	2	1281.97	18.1	21.9	7.6	18.8
PPAC110	26	28	2	376.52	19.1	26.6	18.4	27.6
PPAC110	28	30	2	491.47	23.2	28.8	12.4	26.9
PPAC110	30	32	2	694.23	25.0	34.8	20.4	34.5
PPAC110	32	33	1	754.76	23.3	40.0	41.9	50.0
PPAC111	12	14	2	314.72	14.2	16.8	3.4	12.5
PPAC112	18	20	2	312.71	18.4	22.1	4.8	17.0
PPAC112	22	24	2	314.21	19.6	23.8	5.8	18.9
PPAC113	26	28	2	392.67	24.8	31.5	12.4	27.8
PPAC113	34	36	2	309.28	20.4	27.0	11.8	24.4
PPAC114	24	26	2	1019.32	24.9	38.6	34.5	46.6
PPAC114	26	27	1	1306.05	16.3	31.3	56.5	58.0
PPAC115	0	2	2	343.25	21.0	33.3	38.1	46.4
PPAC115	62	64	2	418.67	20.6	24.7	6.2	19.9
PPAC116	6	8	2	435.84	32.9	37.3	4.8	27.3
PPAC116	36	37	1	478.15	17.5	21.4	5.4	17.1
PPAC121	32	34	2	891.44	25.1	30.9	9.3	25.6
PPAC121	34	36	2	538.53	27.3	33.3	7.4	25.7
PPAC121	36	38	2	584.24	27.0	35.1	17.1	33.6
PPAC121	38	40	2	306.03	20.1	25.4	9.7	22.5
PPAC122	46	48	2	318.64	31.2	40.6	17.9	37.2
PPAC122	48	50	2	313.95	19.9	30.0	39.1	47.4
PPAC123	28	30	2	312.23	17.2	21.7	7.9	18.8
PPAC123	30	32	2	415.48	25.2	32.0	11.8	28.2
PPAC123	32	34	2	800.67	31.0	41.3	20.2	39.1



PPAC123	34	36	2	366.81	25.0	35.2	23.2	36.9
PPAC163	31	32	1	337.50	17.4	23.2	10.7	20.9
PPAC165	12	14	2	2231.85	27.8	34.0	8.0	26.2
PPAC165	24	26	2	512.11	21.3	26.5	8.1	21.8
PPAC165	26	27	1	607.09	21.9	27.2	7.9	22.1

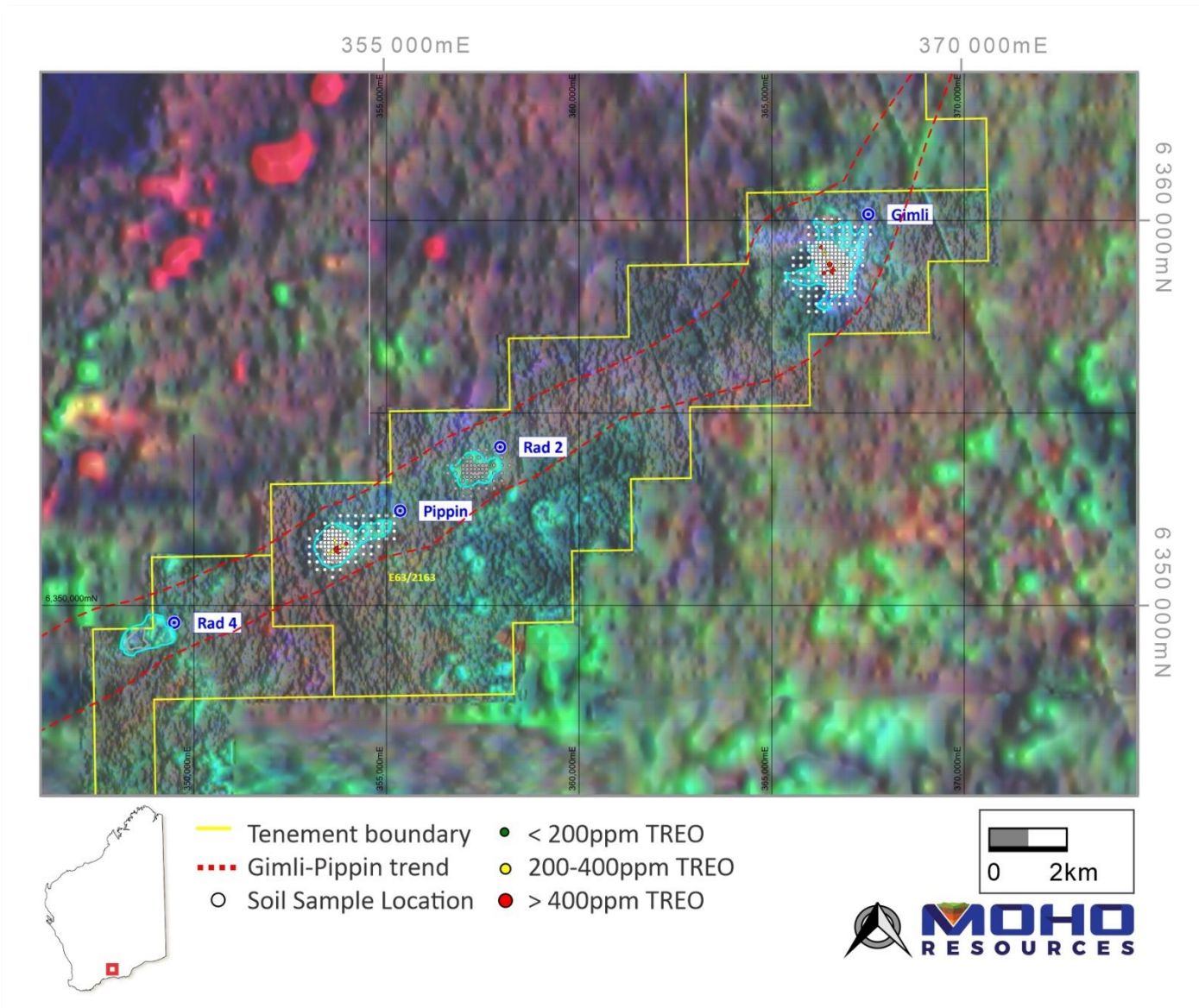
**Table 2: 81% of drillholes returned assays >300ppm TREO**

## Soil sample survey over Gimli & Pippin Prospects

Follow up soil sampling has been conducted at the Moho's Peak Charles Gimli and Pippin Prospects after an orientation soil sample survey earlier this year showed TREO anomalies coincident with radiometric anomalies<sup>3</sup>.

The follow up soil sample survey has been conducted at 100m X 100m spacing over the core of the Gimli and Pippin radiometric prospects, spacing out to 200m X 200m over the rims of the prospects (Figure 4). Anomalous elevated TREO assays in the orientation soil sample survey were building up over the radiometric anomalies, which could indicate the presence of REE-enriched intrusions. Gimli and Pippin are part of a linear cluster of 4 radiometric anomalies within a distinct 50km long SSW – NNW magnetic domain. Moho plans to sample the Rad 2 anomaly after harvesting of the current wheat crop. Rad 4 is located on ELA74/694 (pending) and cannot be sampled at this stage.

A land access agreement has been signed by the landholder for the Gimli prospect and will be lodged with DMIRS to be used for future POW applications.



**Fig 4. Gimli and Pippin Soil Sample Survey Plan over Radiometric Image**

<sup>3</sup> Moho ASX announcement 12 September 2023 "Coincident Soil Rare Earth-Radiometric anomalies Peak Charles"

## **Next Steps**

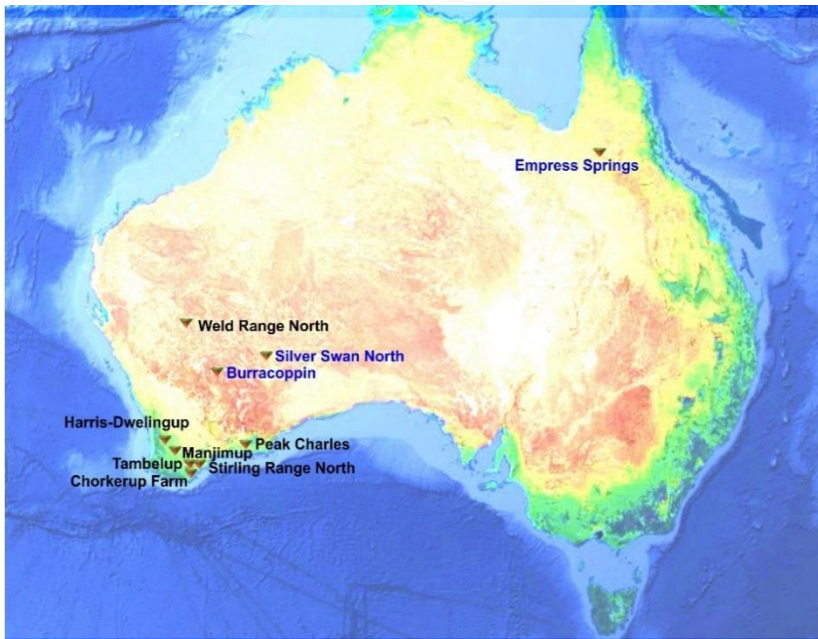
- Passive seismic survey over the Top Block prospect to define the extent of the Top Block clay basin.
- Phase 1 and 2 Aircore drilling regional review and clay basin modeling.
- Further geophysical interpretation of the airborne magnetics to outline the granite basement topography required for the regional clay basin target modeling.
- POW applications for aircore drilling to complete the Rollond East prospect drilling and road reserve access drilling around the Gimli prospect.
- Planning of follow up aircore drilling at the Top Block prospect.
- Land access agreements with landholders for the Top Block prospect.
- POW applications for Top Block aircore drilling on Crown land and land of the State of Western Australia west and east of the Top Block drill line.
- The Rad 2 anomaly soil sampling after harvesting of the current wheat crop.

## **COMPETENT PERSONS STATEMENT**

The information in this report that relates to Exploration Results and Exploration Targets is based on information compiled by Mr. Wouter Denig. Mr. Denig is a Member of Australian Institute of Geoscientists (MAIG) and Moho Resource's Chief Geologist and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Denig consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

## ABOUT MOHO RESOURCES LTD

Moho Resources Ltd is an Australian mining company which listed on the ASX in November 2018. The Company is actively exploring for nickel, PGEs and gold at Silver Swan North, Peak Charles, Manjimup, Tambellup, Stirling Range North, Weld Range North and Burracoppin in WA and Empress Springs in Queensland.



Moho has a strong and experienced Board lead by Managing Director Ralph Winter and geoscientist Shane Sadleir as Non-Executive Director. The Board is chaired by Mr Terry Streeter, a well-known and highly successful West Australian businessman with extensive experience in funding and overseeing exploration and mining companies, including Jubilee Mines NL, Western Areas NL and current directorships in Corazon Resources, Emu NL and Fox Resources.

Moho's Chief Geologist Wouter Denig and Exploration Geologist Scarlett Karius are supported by leading industry consultants geophysicist Kim Frankcombe (ExploreGeo Pty Ltd) and geochemists Richard Carver (GCXplore Pty Ltd).

### ENDS

The Board of Directors of Moho Resources Ltd authorised this announcement to be given to ASX.

### For further information please contact:

Ralph Winter, Managing Director

T: +61 435 336 538

E: [ralph@mohoresources.com.au](mailto:ralph@mohoresources.com.au)

# JORC Code, 2012 Edition – Table 1: Peak Charles Aircore

## Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>• Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>• Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>• Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>• In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul style="list-style-type: none"> <li>• All drilling and sampling was undertaken in an industry standard manner.</li> <li>• Aircore holes were sampled from the individual sample piles laid out on the ground. Generally, 2m composite samples (or smaller 1m sample at EOH) were collected from the 1m sample piles.</li> <li>• Sample weight ranged from 2-4kg.</li> <li>• The independent laboratory will crush and pulverize the entire sample and create a 40g sample for Aqua Regia digestion and subsequent ICP-MS/AES analysis. (further described below)</li> <li>• Commercial industry prepared independent standards and duplicates are inserted about every 50 samples.</li> <li>• Sample sizes are considered appropriate for the material sampled.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>	<ul style="list-style-type: none"> <li>• Air core drilling was completed by blade bit using industry standard drilling techniques.</li> <li>• Aircore is considered to be an appropriate drilling technique for saprolite clay profiles.</li> <li>• Drilling used blade bits of 87mmØ with 3m length drill rods to blade refusal.</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>• Method of recording and assessing core and chip sample recoveries and results assessed.</li> </ul>	<ul style="list-style-type: none"> <li>• Air core recoveries were not recorded but are not considered to be materially biased, given the consistent sample return</li> </ul>



Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<p>observed.</p> <ul style="list-style-type: none"> <li>Aircore samples were visually assessed for recovery</li> <li>The assay data will be analysed against control samples</li> <li>No sample bias has been observed.</li> </ul>
Logging	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>The entire hole has been geologically logged by the Moho geological team, with geological logs recording lithology, colour and weathering.</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>A composite 2m sample of ~ 3kg for analysis was taken using a scoop from each metre pile to subsample a 1-1.5kg sample. This was then dispatched to the laboratory.</li> <li>Sample weight ranged up to 4kg.</li> <li>Commercial industry prepared independent standards and duplicates are inserted about every 50 samples.</li> <li>Sample sizes are considered appropriate for the material sampled.</li> </ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	<ul style="list-style-type: none"> <li>The independent laboratory will crush the entire sample to 3mm and pulverize to 95% passing 105um, riffle split to create a 40g sample for Aqua Regia digestion and subsequent analysis. To be finished by ICP_MS/AES for the elements described below.</li> <li>The Aircore drill chip samples were analysed for 14 rare Earth Elements and Yttrium.</li> <li>The analysis techniques are considered quantitative in nature</li> <li>Certified reference standards were inserted by the Moho geological team and the laboratory also utilises internal standards for individual batches.</li> <li>The standards are considerate satisfactory.</li> </ul>

Criteria	JORC Code explanation	Commentary																																																
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>Assay results are reported in this release.</li> <li>Geological and spatial data has been uploaded into the Moho geological database.</li> <li>No Twinned holes have been drilled at this stage.</li> <li>All data is stored in a verified database.</li> <li>Multielement results (REE) are converted to stoichiometric oxide (REO) using element-to- stoichiometric conversion factors.</li> </ul> <table border="1" data-bbox="1467 518 1904 1189"> <thead> <tr> <th>Element</th> <th>Conv factor</th> <th>Oxide form</th> </tr> </thead> <tbody> <tr><td>Ce</td><td>1.2284</td><td>CeO2</td></tr> <tr><td>Dy</td><td>1.1477</td><td>Dy2O3</td></tr> <tr><td>Er</td><td>1.1435</td><td>Er2O3</td></tr> <tr><td>Eu</td><td>1.1579</td><td>Eu2O3</td></tr> <tr><td>Gd</td><td>1.1526</td><td>Gd2O3</td></tr> <tr><td>Ho</td><td>1.1455</td><td>Ho2O3</td></tr> <tr><td>La</td><td>1.1728</td><td>La2O3</td></tr> <tr><td>Lu</td><td>1.1372</td><td>Lu2O3</td></tr> <tr><td>Nd</td><td>1.1664</td><td>Nd2O3</td></tr> <tr><td>Pr</td><td>1.2082</td><td>Pr6O11</td></tr> <tr><td>Sm</td><td>1.1596</td><td>Sm2O3</td></tr> <tr><td>Tb</td><td>1.1762</td><td>Tb4O7</td></tr> <tr><td>Tm</td><td>1.1421</td><td>Tm2O3</td></tr> <tr><td>Y</td><td>1.2699</td><td>Y2O3</td></tr> <tr><td>Yb</td><td>1.1387</td><td>Yb2O3</td></tr> </tbody> </table> <ul style="list-style-type: none"> <li>Rare earth oxide is the industry accepted form for reporting rare earths. The following calculations are used for compiling REO into their reporting and evaluation groups:</li> <li>TREO (Total Rare Earth Oxide) = La2O3 + CeO2 +</li> </ul>	Element	Conv factor	Oxide form	Ce	1.2284	CeO2	Dy	1.1477	Dy2O3	Er	1.1435	Er2O3	Eu	1.1579	Eu2O3	Gd	1.1526	Gd2O3	Ho	1.1455	Ho2O3	La	1.1728	La2O3	Lu	1.1372	Lu2O3	Nd	1.1664	Nd2O3	Pr	1.2082	Pr6O11	Sm	1.1596	Sm2O3	Tb	1.1762	Tb4O7	Tm	1.1421	Tm2O3	Y	1.2699	Y2O3	Yb	1.1387	Yb2O3
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Criteria	JORC Code explanation	Commentary
		Pr6O11 + Nd2O3 + Sm2O3 + Eu2O3 + Gd2O3 + Tb4O7 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Lu2O3 + Y2O3.
Location of data points	<ul style="list-style-type: none"> <li>• Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>• Specification of the grid system used.</li> <li>• Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>• The Aircore hole collars are located with handheld GPS to an accuracy of +/- 3m.</li> <li>• The locations are given in GDA94 zone 51 projection.</li> <li>• The survey data is adequate for this stage of the project.</li> <li>• Downhole survey was not undertaken with all hole drilled vertical.</li> </ul>
Data spacing and distribution	<ul style="list-style-type: none"> <li>• Data spacing for reporting of Exploration Results.</li> <li>• Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>• Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>• The Aircore drill holes for each prospect were drilled at 200m spacing.</li> <li>• Sample compositing has been applied before sample submission.</li> </ul>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>• If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	<ul style="list-style-type: none"> <li>• Drillholes were vertical and approximately perpendicular to mineralisation hosted in the flat lying clay basin</li> </ul>
Sample security	<ul style="list-style-type: none"> <li>• The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>• Samples were collected, processed, and dispatched to the laboratory by the Moho personnel.</li> </ul>
Audits or reviews	<ul style="list-style-type: none"> <li>• The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>• The Competent Person reviewed the sampling techniques and data collection. The Independent Competent Person completed a site visit during drilling to verify sampling techniques and data collection.</li> </ul>

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li>• <i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i></li> <li>• <i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The Aircore drilling was on tenement E74/695 which is 100% held by Moho Resources.</li> <li>• The tenement is located 100km Northwest of the town of Esperance WA.</li> <li>• There are no known impediments outside the usual course of exploration licenses</li> </ul>
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <li>• <i>Acknowledgment and appraisal of exploration by other parties.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The project area has had several levels of nickel-copper, lignite-coal, uranium, gold and base-metals exploration by a number of companies over the last 50 years.</li> <li>• Historical regional RAB drilling for gold.</li> </ul>
<i>Geology</i>	<ul style="list-style-type: none"> <li>• <i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The rare earth mineralisation at the Peak Charles Project occurs in the weathered profile (in- situ regolith clays).</li> <li>• The current working model is that the emplacement of rare earths is through ground water mobilisation from REE rich basement granite.</li> </ul>
<i>Drill hole Information</i>	<ul style="list-style-type: none"> <li>• <i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <ul style="list-style-type: none"> <li>○ <i>easting and northing of the drill hole collar</i></li> <li>○ <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li>○ <i>dip and azimuth of the hole</i></li> <li>○ <i>down hole length and interception depth</i></li> <li>○ <i>hole length.</i></li> </ul> </li> <li>• <i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Drill hole collar information is included in the Drill Hole Data (Appendix 1)</li> <li>• No material has been excluded</li> <li>• Results (&lt;300ppm TREO) occur outside the mineralised area of interest and have been excluded as not being of material interest.</li> <li>• No internal waste has been included in the mineralised intercepts</li> </ul>



Criteria	JORC Code explanation	Commentary
Data aggregation methods	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>No cutting of grades has been used</li> <li>Data has been aggregated according to the intercept length above the cut off grade of 300ppm TREO</li> <li>Moho considers this to be an appropriate cut off grade for clay basin hosted rare earth oxides</li> <li>Multielement results (REE) are converted to stoichiometric oxide (REO) using element-to- stoichiometric conversion factors.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	<ul style="list-style-type: none"> <li>The drill holes are drilled vertical and therefore perpendicular to generally flat lying clay basin mineralisation</li> <li>Drilled width is approximately the true width</li> </ul>
Diagrams	<ul style="list-style-type: none"> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	<ul style="list-style-type: none"> <li>Plans with scale and GDA94 coordinates are provided in this report.</li> <li>Cross sections for two significantly mineralised prospects are included, with 10X vertical exaggeration</li> </ul>
Balanced reporting	<ul style="list-style-type: none"> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	<ul style="list-style-type: none"> <li>All holes drilled, with associated REE assays from this drilling program are reported.</li> </ul>
Other substantive exploration data	<ul style="list-style-type: none"> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	<ul style="list-style-type: none"> <li>The various prospects are widely spaced, and the program was aimed to explore the extent of possible clay basin hosted REE mineralisation</li> </ul>
Further work	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>Passive Seismic surveys to delineate the clay basins above the granite basement.</li> <li>Further Aircore drilling programs are anticipated as follow up for this drilling campaign to define the extend of the intersected clay basins.</li> <li>Metallurgical test work to establish extractability rates of the REO.</li> </ul>

Appendix 1  
Drillhole collar information

Project	HoleID	Easting	Northing	RL	GridID	SurveyMethod	Company	Date	Comments	Depth	Azi	Dip
PCS	PPAC083	319658	6328836	237	MGA94_51	GPS	Moho	27/06/2023		56	0	-90
PCS	PPAC084	320640	6328864	240	MGA94_51	GPS	Moho	27/06/2023		59	0	-90
PCS	PPAC085	321865	6328929	237	MGA94_51	GPS	Moho	28/06/2023		58	0	-90
PCS	PPAC089	324184	6333322	235	MGA94_51	GPS	Moho	29/06/2023		36	0	-90
PCS	PPAC090	324201	6332923	239	MGA94_51	GPS	Moho	29/06/2023		37	0	-90
PCS	PPAC091	324218	6332524	236	MGA94_51	GPS	Moho	29/06/2023		65	0	-90
PCS	PPAC092	324206	6332132	235	MGA94_51	GPS	Moho	29/06/2023		45	0	-90
PCS	PPAC093	324023	6331771	235	MGA94_51	GPS	Moho	29/06/2023		46	0	-90
PCS	PPAC094	323852	6331413	237	MGA94_51	GPS	Moho	29/06/2023		70	0	-90
PCS	PPAC095	323663	6331064	236	MGA94_51	GPS	Moho	30/06/2023		80	0	-90
PCS	PPAC096	323478	6330700	241	MGA94_51	GPS	Moho	30/06/2023		45	0	-90
PCS	PPAC097	323290	6330341	241	MGA94_51	GPS	Moho	30/06/2023		39	0	-90
PCS	PPAC098	323139	6329980	239	MGA94_51	GPS	Moho	30/06/2023		26	0	-90
PCS	PPAC099	323038	6329589	241	MGA94_51	GPS	Moho	30/06/2023		34	0	-90
PCS	PPAC100	322938	6329207	244	MGA94_51	GPS	Moho	1/07/2023		29	0	-90
PCS	PPAC101	322840	6328821	248	MGA94_51	GPS	Moho	1/07/2023		35	0	-90
PCS	PPAC102	322744	6328432	246	MGA94_51	GPS	Moho	1/07/2023		31	0	-90
PCS	PPAC103	322724	6328040	244	MGA94_51	GPS	Moho	1/07/2023		42	0	-90
PCS	PPAC104	322749	6327643	246	MGA94_51	GPS	Moho	1/07/2023		40	0	-90
PCS	PPAC105	322823	6327244	250	MGA94_51	GPS	Moho	1/07/2023		28	0	-90
PCS	PPAC106	322867	6326852	253	MGA94_51	GPS	Moho	1/07/2023		49	0	-90
PCS	PPAC107	322911	6326463	256	MGA94_51	GPS	Moho	1/07/2023		43	0	-90
PCS	PPAC108	322961	6326060	255	MGA94_51	GPS	Moho	2/07/2023		40	0	-90
PCS	PPAC109	323027	6325506	254	MGA94_51	GPS	Moho	2/07/2023		47	0	-90
PCS	PPAC110	323077	6325109	253	MGA94_51	GPS	Moho	2/07/2023		33	0	-90
PCS	PPAC111	323152	6324516	257	MGA94_51	GPS	Moho	2/07/2023		41	0	-90
PCS	PPAC112	323190	6324116	258	MGA94_51	GPS	Moho	2/07/2023		24	0	-90
PCS	PPAC113	335444	6322998	214	MGA94_51	GPS	Moho	2/07/2023		41	0	-90
PCS	PPAC114	335824	6323128	211	MGA94_51	GPS	Moho	2/07/2023		27	0	-90
PCS	PPAC115	336191	6323288	216	MGA94_51	GPS	Moho	2/07/2023		66	0	-90
PCS	PPAC116	336564	6323437	216	MGA94_51	GPS	Moho	3/07/2023		37	0	-90

PCS	PPAC117	336933	6323589	220	MGA94_51	GPS	Moho	3/07/2023		15	0	-90
PCS	PPAC118	337305	6323742	216	MGA94_51	GPS	Moho	3/07/2023		8	0	-90
PCS	PPAC119	337680	6323888	214	MGA94_51	GPS	Moho	3/07/2023		19	0	-90
PCS	PPAC120	338050	6324038	212	MGA94_51	GPS	Moho	3/07/2023		12	0	-90
PCS	PPAC121	338406	6324180	212	MGA94_51	GPS	Moho	3/07/2023		43	0	-90
PCS	PPAC122	343178	6324696	197	MGA94_51	GPS	Moho	3/07/2023		53	0	-90
PCS	PPAC123	343574	6324672	200	MGA94_51	GPS	Moho	3/07/2023		39	0	-90
PCS	PPAC124	343975	6324640	199	MGA94_51	GPS	Moho	3/07/2023		24	0	-90
PCS	PPAC163	325499	6333818	251	MGA94_51	GPS	Moho	28/06/2023		35	0	-90
PCS	PPAC164	325608	6333822	250	MGA94_51	GPS	Moho	28/06/2023		28	0	-90
PCS	PPAC165	325693	6333861	254	MGA94_51	GPS	Moho	28/06/2023		27	0	-90
PCS	PPAC166	325773	6333927	257	MGA94_51	GPS	Moho	28/06/2023		21	0	-90

Appendix 2  
Sample Assay information

HoleID	From m	To m	SampleID	CeO2	Dy2O3	Er2O3	Eu2O3	Gd2O3	Ho2O3	La2O3	Lu2O3	Nd2O3	Pr6O11	Sm2O3	Tb4O7	Tm2O3	Y2O3	Yb2O3	TREO
PPAC083	18	20	DG00733	209.78	6.67	2.71	2.84	11.65	1.07	311.17	0.30	146.05	51.08	18.79	1.46	0.38	26.99	2.03	792.95
PPAC083	20	22	DG00734	138.82	3.37	1.64	1.25	5.22	0.58	125.22	0.23	56.88	19.31	7.78	0.68	0.23	15.51	1.34	378.06
PPAC083	24	26	DG00736	166.79	3.34	1.65	1.12	4.60	0.60	87.41	0.22	47.50	15.60	6.85	0.64	0.24	17.35	1.38	355.26
PPAC083	28	30	DG00738	199.28	3.56	1.56	1.30	5.69	0.56	118.24	0.19	68.91	22.39	9.53	0.68	0.23	16.85	1.33	450.30
PPAC083	30	32	DG00739	152.02	2.92	1.49	0.97	4.18	0.53	81.84	0.19	40.64	13.37	6.24	0.55	0.21	14.30	1.22	320.66
PPAC083	34	36	DG00741	139.80	2.78	1.36	0.98	4.11	0.49	74.99	0.18	43.05	13.80	6.20	0.53	0.21	14.19	1.16	303.83
PPAC083	38	40	DG00743	198.20	2.80	1.30	1.20	4.58	0.47	86.22	0.17	51.02	16.36	7.39	0.55	0.18	12.95	1.05	384.44
PPAC083	40	42	DG00744	154.45	3.14	1.62	1.05	4.77	0.57	62.85	0.20	44.23	13.76	6.67	0.60	0.23	16.61	1.34	312.12
PPAC083	42	44	DG00745	147.53	3.21	1.70	0.98	4.46	0.61	61.27	0.24	40.91	12.46	6.13	0.60	0.24	19.14	1.41	300.89
PPAC084	0	2	DG00753	81.94	6.77	3.57	1.98	8.66	1.26	71.01	0.41	58.39	16.13	10.27	1.20	0.48	40.37	2.64	305.09
PPAC084	36	38	DG00771	334.13	6.89	2.98	3.59	11.11	1.15	178.40	0.30	126.20	42.52	18.74	1.45	0.38	29.84	2.12	759.79
PPAC084	38	40	DG00772	206.02	2.98	1.36	1.76	4.98	0.49	117.59	0.18	79.36	27.64	10.64	0.60	0.19	12.62	1.15	467.59
PPAC084	40	42	DG00773	126.15	2.54	1.26	1.45	3.93	0.44	78.82	0.16	55.04	19.00	7.75	0.51	0.18	10.59	1.07	308.88
PPAC084	44	46	DG00776	139.81	5.15	2.32	2.23	7.79	0.86	114.62	0.25	78.12	24.89	12.25	1.04	0.32	20.76	1.72	412.13
PPAC084	48	50	DG00778	143.46	4.26	1.84	1.75	6.18	0.71	87.51	0.20	59.93	18.44	9.16	0.79	0.25	17.58	1.50	353.56
PPAC084	50	52	DG00779	121.41	4.05	2.01	1.44	5.61	0.74	78.74	0.24	48.80	15.45	7.28	0.73	0.29	18.91	1.70	307.41
PPAC084	52	54	DG00780	140.60	4.52	2.14	1.85	6.69	0.79	108.70	0.23	64.27	19.72	9.21	0.89	0.29	21.07	1.63	382.59
PPAC084	54	56	DG00781	192.14	4.67	2.25	2.25	7.58	0.88	151.50	0.26	85.25	26.65	11.21	0.93	0.30	25.58	1.80	513.26
PPAC084	56	58	DG00782	201.43	6.93	3.01	3.15	11.80	1.20	209.80	0.28	112.08	33.89	15.54	1.38	0.38	37.51	2.13	640.51
PPAC084	58	59	DG00783	150.62	6.53	3.02	2.47	9.98	1.18	155.81	0.33	82.77	24.25	11.58	1.26	0.39	39.32	2.15	491.66
PPAC085	0	2	DG00784	125.38	6.60	3.25	2.29	8.76	1.19	89.92	0.36	68.50	19.95	10.96	1.16	0.43	36.12	2.65	377.53
PPAC085	54	56	DG00812	375.41	4.32	1.54	1.53	7.91	0.65	200.40	0.16	105.76	36.43	13.29	0.92	0.18	18.85	1.12	768.46
PPAC085	56	58	DG00813	390.77	5.96	2.39	1.93	9.87	0.96	215.00	0.23	118.61	39.68	15.45	1.22	0.30	27.56	1.63	831.55
PPAC089	34	36	DG00891	154.86	2.20	0.75	1.23	4.33	0.31	81.79	0.08	51.05	16.41	7.48	0.52	0.09	8.17	0.57	329.84
PPAC090	2	4	DG00893	156.16	5.37	2.69	1.78	6.77	0.96	64.26	0.31	51.90	15.02	8.70	1.05	0.37	28.07	2.25	345.65
PPAC090	30	32	DG00908	288.29	10.49	2.94	9.29	22.94	1.36	396.76	0.20	280.32	90.75	41.96	2.66	0.33	27.62	1.88	1177.79
PPAC091	50	52	DG00938	335.88	2.48	0.70	1.59	5.77	0.34	113.56	0.07	61.79	20.94	9.71	0.65	0.09	8.06	0.49	562.12
PPAC091	52	54	DG00939	208.53	1.65	0.54	0.82	3.27	0.23	57.35	0.07	31.74	10.48	5.31	0.39	0.07	6.39	0.49	327.32
PPAC091	54	56	DG00940	212.80	1.42	0.50	0.81	2.79	0.19	50.65	0.07	29.33	10.12	4.82	0.33	0.08	4.90	0.50	319.34
PPAC092	38	40	DG00966	174.55	9.11	2.57	7.86	20.14	1.20	405.18	0.17	241.53	77.66	35.47	2.22	0.29	27.11	1.38	1006.46



PPAC093	38	40	DG00990	215.85	2.69	0.98	1.11	5.23	0.41	116.88	0.11	60.72	20.21	8.94	0.62	0.13	10.81	0.73	445.43
PPAC093	42	44	DG00992	254.28	2.59	0.99	1.19	4.22	0.40	87.05	0.11	47.01	15.28	6.91	0.54	0.14	11.70	0.83	433.26
PPAC094	30	32	DG01011	536.86	4.06	1.82	2.86	7.46	0.69	228.08	0.27	115.71	41.30	14.55	0.91	0.29	19.11	1.79	975.74
PPAC094	32	34	DG01012	200.74	2.25	1.17	1.91	3.48	0.41	83.58	0.18	46.06	15.62	6.24	0.47	0.19	11.47	1.28	375.05
PPAC094	34	36	DG01013	207.86	3.21	1.59	2.47	5.09	0.56	108.88	0.22	67.65	21.97	8.92	0.65	0.24	16.32	1.55	447.17
PPAC094	36	38	DG01014	303.01	11.17	5.37	6.68	17.74	1.98	285.51	0.63	197.38	62.31	26.80	2.20	0.78	56.25	4.58	982.37
PPAC094	38	40	DG01015	146.43	8.88	4.78	4.74	13.19	1.70	172.17	0.55	117.19	35.28	16.83	1.63	0.70	55.23	3.87	583.16
PPAC094	40	42	DG01016	255.39	5.92	3.26	3.17	9.23	1.16	177.45	0.39	89.95	27.90	11.67	1.11	0.46	45.36	2.69	635.10
PPAC094	42	44	DG01017	279.07	3.51	1.76	2.12	5.91	0.63	142.28	0.23	75.81	25.19	9.39	0.75	0.25	21.17	1.57	569.66
PPAC094	44	46	DG01018	271.25	4.45	2.20	2.47	7.39	0.81	189.12	0.30	98.02	32.55	11.90	0.89	0.33	26.01	1.89	649.57
PPAC094	46	48	DG01019	202.42	4.61	2.40	2.42	7.13	0.82	169.31	0.32	93.42	31.38	11.75	0.91	0.35	24.22	2.06	553.53
PPAC094	48	50	DG01020	248.95	3.49	1.72	2.17	5.54	0.63	142.15	0.22	73.97	24.94	9.29	0.64	0.24	19.65	1.43	535.02
PPAC094	50	52	DG01021	300.11	3.49	1.57	2.35	5.88	0.58	135.87	0.17	75.48	24.73	9.64	0.75	0.22	17.70	1.28	579.81
PPAC094	52	54	DG01022	196.16	3.51	1.59	2.13	5.36	0.61	98.47	0.18	58.77	18.82	8.00	0.64	0.23	17.39	1.29	413.14
PPAC094	54	56	DG01023	268.78	5.62	2.54	1.93	8.70	0.99	132.22	0.26	88.72	27.99	12.84	1.13	0.35	27.95	2.03	582.05
PPAC094	56	58	DG01024	194.54	4.96	2.25	1.76	7.58	0.89	93.46	0.23	64.58	19.55	10.54	0.96	0.32	26.21	1.69	429.52
PPAC094	58	60	DG01026	269.77	5.58	2.78	1.92	8.22	1.02	132.88	0.28	81.86	25.65	12.20	1.12	0.37	29.92	2.16	575.72
PPAC094	60	62	DG01027	573.66	5.77	2.47	2.63	11.09	0.94	291.19	0.25	164.71	55.15	20.22	1.28	0.34	29.25	1.84	1160.79
PPAC094	62	64	DG01028	356.29	4.79	2.07	2.49	8.01	0.84	169.97	0.22	99.62	31.76	13.00	1.05	0.29	23.16	1.54	715.08
PPAC094	64	66	DG01029	618.92	11.12	5.02	4.53	18.10	1.90	297.11	0.56	188.69	59.33	25.43	2.22	0.70	56.30	4.03	1293.96
PPAC094	66	68	DG01030	436.13	9.78	4.86	3.65	14.80	1.84	216.49	0.48	125.79	39.28	18.21	1.89	0.65	60.66	3.56	938.08
PPAC094	68	70	DG01031	359.04	9.63	4.43	3.18	13.77	1.72	173.98	0.41	107.54	32.33	16.30	1.86	0.59	56.98	3.11	784.88
PPAC095	0	2	DG01032	202.75	7.26	3.66	2.39	10.40	1.36	111.25	0.40	79.72	23.69	13.05	1.34	0.50	41.57	2.95	502.29
PPAC095	24	26	DG01044	645.38	3.91	1.25	1.15	6.34	0.58	116.06	0.10	64.35	21.57	9.50	0.84	0.16	14.39	0.80	886.37
PPAC095	26	28	DG01045	286.76	3.14	1.18	0.86	5.03	0.50	99.62	0.09	47.64	16.24	7.21	0.64	0.15	14.77	0.79	484.60
PPAC095	28	30	DG01046	216.66	1.79	0.75	0.59	2.74	0.29	58.30	0.08	25.99	8.94	4.01	0.38	0.09	7.59	0.61	328.82
PPAC095	30	32	DG01047	334.07	2.08	0.87	0.64	3.40	0.34	73.19	0.11	37.52	12.75	5.33	0.44	0.13	9.00	0.74	480.61
PPAC095	32	34	DG01048	443.21	2.08	0.86	0.69	3.22	0.33	76.43	0.11	41.34	13.94	5.62	0.41	0.13	8.39	0.76	597.53
PPAC095	34	36	DG01049	827.11	3.06	1.18	1.12	5.11	0.47	115.59	0.14	61.79	21.23	8.82	0.62	0.16	11.81	0.95	1059.16
PPAC095	36	38	DG01051	531.37	3.13	1.28	1.11	5.18	0.50	106.29	0.15	55.25	18.53	7.99	0.67	0.18	12.78	1.04	745.45
PPAC095	38	40	DG01052	858.89	3.51	1.38	1.44	6.39	0.57	127.01	0.14	74.22	24.36	10.39	0.76	0.18	15.06	1.01	1125.31
PPAC095	40	42	DG01053	1042.07	7.37	3.03	2.50	13.61	1.17	336.32	0.35	211.27	70.91	26.72	1.59	0.42	31.79	2.37	1751.48
PPAC095	42	44	DG01054	639.88	5.35	2.10	2.00	10.15	0.84	250.25	0.19	145.79	49.71	18.16	1.20	0.26	22.77	1.42	1150.07
PPAC095	44	46	DG01055	794.72	7.92	3.08	3.08	14.26	1.28	284.80	0.28	188.09	62.21	24.81	1.76	0.38	34.06	2.02	1422.75
PPAC095	46	48	DG01056	655.09	9.25	3.42	3.55	16.57	1.43	313.82	0.32	206.10	67.01	27.70	2.05	0.40	40.37	2.17	1349.26

PPAC095	48	50	DG01057	457.95	8.58	3.30	3.45	16.24	1.39	344.24	0.32	213.96	69.85	28.49	1.88	0.39	39.84	2.20	1192.08
PPAC095	50	52	DG01058	541.86	10.90	4.14	4.50	20.47	1.75	387.33	0.35	258.96	83.73	35.10	2.43	0.48	51.41	2.62	1406.04
PPAC095	52	54	DG01059	632.44	11.55	4.43	4.56	22.46	1.82	413.19	0.36	275.29	88.04	37.25	2.72	0.50	54.07	2.65	1551.33
PPAC095	54	56	DG01060	387.03	15.40	6.43	5.15	27.73	2.59	394.34	0.53	252.52	75.08	34.15	3.25	0.72	78.52	3.84	1287.29
PPAC095	56	58	DG01061	544.56	41.31	16.97	9.47	65.41	7.15	626.67	1.31	390.19	113.17	61.57	8.36	1.91	219.94	9.70	2117.69
PPAC095	58	60	DG01062	509.76	15.12	6.33	3.89	24.41	2.59	319.36	0.52	194.55	59.23	28.31	3.11	0.70	86.23	3.69	1257.79
PPAC095	60	62	DG01063	479.97	8.40	3.59	2.72	14.25	1.44	228.59	0.30	139.30	44.56	19.55	1.71	0.40	46.05	2.16	992.98
PPAC095	62	64	DG01064	254.80	3.27	1.32	1.52	6.19	0.54	129.66	0.11	77.41	24.77	9.53	0.69	0.15	17.06	0.87	527.88
PPAC095	64	66	DG01065	366.96	3.83	1.57	1.66	7.81	0.62	185.60	0.13	112.00	36.60	13.75	0.85	0.17	19.02	0.98	751.55
PPAC095	66	68	DG01066	409.80	4.65	1.83	1.82	9.09	0.78	205.77	0.17	119.85	39.89	14.54	0.99	0.22	23.15	1.14	833.69
PPAC095	68	70	DG01067	449.21	5.37	2.17	2.03	10.20	0.89	230.23	0.20	128.41	42.99	15.69	1.13	0.25	26.21	1.45	916.43
PPAC095	70	72	DG01068	495.22	8.33	3.67	2.35	14.02	1.41	253.19	0.38	145.55	46.55	18.99	1.71	0.45	46.70	2.47	1040.98
PPAC095	72	74	DG01069	482.11	7.71	3.37	2.18	13.11	1.35	251.07	0.33	141.95	46.41	18.44	1.56	0.40	43.10	2.31	1015.40
PPAC095	74	76	DG01070	468.23	7.38	3.32	2.06	12.38	1.31	245.95	0.33	136.49	44.47	17.61	1.49	0.40	44.24	2.31	987.98
PPAC095	76	78	DG01071	374.87	5.39	2.47	1.69	9.26	0.99	198.77	0.25	107.21	35.57	13.46	1.12	0.31	32.61	1.74	785.72
PPAC095	78	80	DG01072	282.75	5.23	2.36	1.44	8.52	0.92	148.59	0.25	85.65	27.15	11.73	1.05	0.29	30.47	1.65	608.02
PPAC096	24	26	DG01086	163.53	3.18	1.29	1.03	4.92	0.53	103.50	0.14	54.38	18.23	7.39	0.64	0.17	13.84	1.00	373.76
PPAC096	26	28	DG01087	353.23	6.05	2.00	2.30	11.01	0.94	252.65	0.16	134.41	46.71	17.39	1.26	0.22	25.34	1.23	854.90
PPAC096	28	30	DG01088	423.80	5.42	1.78	2.30	10.28	0.80	276.34	0.14	146.91	50.56	18.38	1.22	0.19	21.41	1.06	960.60
PPAC096	30	32	DG01089	407.79	6.55	2.33	2.41	11.64	1.01	290.62	0.19	150.83	52.35	19.42	1.45	0.25	27.68	1.33	975.87
PPAC096	32	34	DG01090	365.16	5.51	1.89	2.26	9.76	0.81	225.98	0.16	127.65	43.43	16.55	1.19	0.21	20.95	1.23	822.74
PPAC096	34	36	DG01091	813.06	12.28	4.54	5.23	22.06	1.92	412.91	0.38	288.80	92.90	39.58	2.78	0.54	53.57	3.03	1753.56
PPAC096	36	38	DG01092	662.97	13.10	5.50	4.81	20.83	2.15	352.56	0.51	248.07	77.97	34.58	2.69	0.67	71.55	3.79	1501.74
PPAC096	38	40	DG01093	726.15	13.93	5.74	5.82	23.02	2.29	356.56	0.55	261.83	80.60	37.41	3.02	0.73	68.77	4.08	1590.49
PPAC096	40	42	DG01094	529.62	14.08	6.14	5.55	23.78	2.39	284.05	0.58	220.88	64.61	32.62	3.00	0.74	75.56	4.48	1268.08
PPAC096	42	44	DG01095	280.20	8.41	4.14	3.87	13.42	1.55	140.62	0.44	115.27	31.52	17.59	1.71	0.53	50.31	3.35	672.92
PPAC096	44	45	DG01096	249.43	11.20	6.54	3.76	14.91	2.25	114.47	0.82	92.69	25.59	16.09	2.01	0.87	84.11	5.55	630.30
PPAC097	20	22	DG01108	193.22	4.74	1.52	2.03	11.08	0.68	252.20	0.14	136.09	46.03	18.39	1.15	0.18	17.58	0.95	685.98
PPAC097	22	24	DG01109	573.82	8.22	2.62	3.09	20.37	1.19	480.93	0.20	259.22	85.93	33.84	2.07	0.30	32.41	1.58	1505.78
PPAC097	24	26	DG01110	472.06	5.24	1.60	1.93	12.45	0.73	280.98	0.16	153.54	51.42	21.45	1.32	0.19	20.94	1.13	1025.16
PPAC097	26	28	DG01111	491.60	4.77	1.56	1.75	10.97	0.68	269.55	0.16	150.51	50.90	19.91	1.12	0.19	19.11	1.12	1023.90
PPAC097	28	30	DG01112	493.55	4.23	1.44	1.64	10.02	0.64	251.61	0.15	135.83	45.86	18.21	1.05	0.18	18.22	1.16	983.79
PPAC097	30	32	DG01113	431.48	4.72	1.50	1.48	10.26	0.68	216.13	0.13	116.60	39.56	16.58	1.20	0.16	20.67	1.00	862.14
PPAC097	32	34	DG01114	236.25	2.77	0.94	1.12	5.51	0.42	107.87	0.08	61.22	20.13	8.87	0.67	0.10	12.48	0.64	459.08
PPAC097	34	36	DG01115	851.76	6.73	2.49	2.04	15.20	1.03	412.66	0.26	235.50	79.64	29.27	1.59	0.30	29.58	1.97	1670.03

PPAC097	36	38	DG01116	267.43	2.74	1.02	1.26	6.13	0.41	119.49	0.13	78.68	25.40	10.67	0.65	0.14	11.02	0.85	526.02
PPAC098	0	2	DG01118	97.14	7.41	3.80	2.49	10.11	1.37	86.93	0.45	70.36	19.55	12.37	1.42	0.55	43.58	2.99	360.53
PPAC098	22	24	DG01130	329.88	3.24	1.17	1.68	6.21	0.48	136.50	0.11	73.83	25.31	10.47	0.73	0.13	9.83	0.88	600.44
PPAC098	24	26	DG01131	585.92	7.56	2.57	3.79	15.63	1.13	248.50	0.24	172.54	55.21	25.46	1.71	0.29	30.05	1.76	1152.37
PPAC099	0	2	DG01132	115.18	5.45	2.85	1.79	7.33	1.03	66.36	0.36	51.04	14.60	9.04	1.01	0.39	31.67	2.48	310.59
PPAC099	28	30	DG01146	199.46	2.78	1.33	0.90	3.69	0.49	51.54	0.20	31.85	10.37	5.36	0.53	0.19	13.05	1.34	323.10
PPAC100	12	14	DG01156	222.72	2.51	0.75	0.64	4.45	0.36	157.44	0.07	49.37	18.46	6.73	0.52	0.09	9.59	0.49	474.18
PPAC100	24	26	DG01162	221.46	2.27	0.71	1.09	4.84	0.31	123.99	0.07	57.36	19.81	8.37	0.51	0.09	8.37	0.49	449.74
PPAC100	26	28	DG01163	215.55	2.79	0.89	1.31	5.73	0.44	110.60	0.14	63.14	20.84	9.16	0.69	0.15	10.29	0.65	442.36
PPAC100	28	29	DG01164	217.35	3.08	0.94	1.42	6.30	0.45	110.94	0.09	66.55	21.68	9.83	0.71	0.11	12.55	0.71	452.71
PPAC101	24	26	DG01178	189.71	1.88	0.72	0.68	3.84	0.29	136.07	0.09	43.17	15.65	6.20	0.44	0.10	7.05	0.65	406.53
PPAC101	26	28	DG01179	163.32	2.35	1.04	0.64	3.99	0.38	92.87	0.17	42.39	14.47	6.45	0.51	0.15	9.42	1.13	339.27
PPAC101	28	30	DG01180	161.10	2.26	0.98	0.63	3.99	0.37	89.32	0.16	43.69	14.96	6.61	0.47	0.15	8.66	1.05	334.39
PPAC101	32	34	DG01182	140.23	2.31	1.02	0.65	4.08	0.39	86.67	0.16	38.85	13.60	6.23	0.52	0.16	9.40	1.04	305.29
PPAC102	18	20	DG01193	172.25	3.18	1.43	1.03	4.31	0.56	65.01	0.17	39.13	12.69	6.26	0.60	0.19	13.86	1.20	321.87
PPAC102	20	22	DG01194	121.26	5.03	1.97	1.75	7.41	0.81	114.81	0.19	65.48	21.26	10.58	0.95	0.24	18.90	1.47	372.12
PPAC102	22	24	DG01195	93.50	4.15	1.74	1.22	6.10	0.69	99.87	0.17	49.19	16.26	7.47	0.81	0.23	20.13	1.26	302.79
PPAC104	18	20	DG01232	313.11	1.43	0.39	0.97	2.54	0.18	143.98	0.05	37.42	16.64	4.50	0.31	0.05	3.09	0.28	524.93
PPAC104	22	24	DG01234	211.78	3.65	1.83	1.27	4.24	0.68	144.10	0.20	37.27	14.43	5.42	0.66	0.26	21.22	1.48	448.49
PPAC104	28	30	DG01237	169.13	9.61	3.83	3.45	12.72	1.55	84.96	0.33	74.99	19.71	13.69	1.80	0.48	35.74	2.98	434.96
PPAC104	32	34	DG01239	246.66	15.87	6.95	5.43	19.76	2.73	106.91	0.74	122.37	32.37	22.75	2.96	0.93	74.86	5.74	667.02
PPAC104	34	36	DG01240	193.98	21.05	11.67	5.50	23.21	4.09	81.62	1.32	106.12	25.63	20.68	3.61	1.55	125.65	9.79	635.48
PPAC104	36	38	DG01241	93.02	12.66	8.51	2.40	11.15	2.80	39.29	1.14	40.74	10.05	8.40	1.91	1.24	100.63	7.97	341.89
PPAC106	10	12	DG01263	330.28	2.12	0.56	2.27	4.92	0.27	195.86	0.05	82.38	29.18	10.63	0.53	0.07	4.94	0.35	664.43
PPAC106	20	22	DG01268	132.58	1.32	0.45	1.02	2.52	0.18	123.62	0.06	39.76	15.65	4.79	0.29	0.06	3.95	0.34	326.59
PPAC107	40	42	DG01306	181.99	1.58	0.42	1.79	3.76	0.19	90.95	0.03	55.16	18.20	7.27	0.41	0.06	4.72	0.30	366.84
PPAC108	12	14	DG01314	195.63	0.72	0.25	0.97	1.51	0.09	107.25	0.03	32.41	13.75	3.91	0.18	0.03	2.53	0.20	359.48
PPAC108	22	24	DG01319	175.55	1.99	0.65	1.97	4.26	0.29	87.23	0.08	52.32	16.73	7.64	0.45	0.08	7.77	0.52	357.53
PPAC108	24	26	DG01320	277.95	3.37	1.25	3.46	7.03	0.52	135.47	0.14	82.35	26.27	11.97	0.81	0.15	14.85	0.88	566.45
PPAC108	26	28	DG01321	334.25	4.63	1.75	4.16	9.42	0.72	183.35	0.17	101.42	31.22	14.56	1.02	0.21	21.46	1.23	709.56
PPAC108	28	30	DG01322	193.87	2.58	1.04	2.30	5.19	0.42	121.26	0.11	55.69	17.54	8.00	0.55	0.13	12.93	0.80	422.43
PPAC110	20	22	DG01364	231.03	2.87	1.20	1.40	3.64	0.44	146.28	0.18	37.31	15.10	5.62	0.53	0.17	11.21	1.17	458.17
PPAC110	24	26	DG01366	641.06	10.19	4.93	5.25	13.66	1.79	290.40	0.64	169.85	61.86	21.94	1.89	0.67	53.45	4.40	1281.97
PPAC110	26	28	DG01367	160.67	8.54	4.62	2.49	7.78	1.62	65.84	0.63	54.60	17.25	8.95	1.38	0.66	36.99	4.51	376.52
PPAC110	28	30	DG01368	226.97	6.93	3.44	2.63	7.33	1.25	78.83	0.40	87.61	26.33	11.02	1.15	0.49	34.03	3.06	491.47

PPAC110	30	32	DG01369	272.08	17.07	7.99	6.47	19.94	3.01	81.87	0.83	137.02	36.81	24.57	3.08	1.07	76.01	6.40	694.23
PPAC110	32	33	DG01370	183.05	36.65	18.64	11.42	39.10	6.75	42.63	2.02	145.06	30.83	37.01	6.20	2.49	177.69	15.22	754.76
PPAC111	12	14	DG01378	126.63	1.26	0.45	0.88	2.55	0.18	128.86	0.06	32.22	12.57	3.87	0.28	0.05	4.57	0.30	314.72
PPAC112	18	20	DG01403	156.41	1.86	0.58	1.39	3.30	0.26	77.91	0.06	42.84	14.57	5.98	0.39	0.07	6.72	0.38	312.71
PPAC112	22	24	DG01405	151.90	1.99	0.77	1.64	3.84	0.32	75.94	0.08	46.69	14.92	6.48	0.44	0.09	8.60	0.52	314.21
PPAC113	26	28	DG01419	117.09	5.18	2.17	2.74	8.22	0.88	118.58	0.22	74.07	23.43	10.93	1.04	0.29	26.24	1.61	392.67
PPAC113	34	36	DG01423	135.23	3.87	1.60	2.07	6.72	0.66	66.31	0.17	49.43	13.76	8.16	0.76	0.19	19.20	1.13	309.28
PPAC114	24	26	DG01440	281.86	36.37	17.10	14.53	41.97	6.61	84.37	1.69	205.70	47.63	48.44	6.60	2.20	211.50	12.75	1019.32
PPAC114	26	27	DG01441	228.02	66.84	40.16	15.61	59.30	14.02	82.41	4.54	175.65	37.72	44.65	10.34	5.47	488.77	32.54	1306.05
PPAC115	0	2	DG01442	84.17	12.53	6.84	3.59	12.82	2.44	43.92	0.80	57.86	14.09	12.41	2.05	0.93	83.18	5.64	343.25
PPAC115	62	64	DG01474	191.40	2.51	1.21	0.96	5.07	0.45	106.08	0.18	65.39	20.93	8.72	0.55	0.17	13.98	1.06	418.67
PPAC116	6	8	DG01480	34.37	2.42	0.89	2.20	4.94	0.34	226.35	0.09	105.27	37.97	10.95	0.53	0.10	8.75	0.66	435.84
PPAC116	36	37	DG01495	257.83	3.09	1.06	2.11	5.28	0.48	101.60	0.08	63.36	20.55	8.82	0.67	0.13	12.39	0.69	478.15
PPAC121	32	34	DG01541	250.89	8.94	3.54	5.42	15.66	1.50	309.95	0.31	169.14	54.22	24.07	1.85	0.42	43.17	2.35	891.44
PPAC121	34	36	DG01542	185.58	4.87	1.69	3.64	9.01	0.76	149.35	0.15	111.56	35.23	16.77	1.07	0.22	17.46	1.17	538.53
PPAC121	36	38	DG01543	146.97	9.78	4.54	5.28	14.94	1.81	160.31	0.43	121.53	36.09	19.20	1.93	0.56	57.76	3.12	584.24
PPAC121	38	40	DG01544	137.75	2.96	1.41	1.86	4.73	0.53	69.92	0.15	47.36	14.16	7.28	0.59	0.17	16.12	1.06	306.03
PPAC122	46	48	DG01571	53.95	6.17	2.77	3.24	8.60	1.04	95.17	0.30	76.81	22.73	12.95	1.16	0.37	31.15	2.23	318.64
PPAC122	48	50	DG01572	45.14	9.38	5.57	2.79	9.91	1.96	74.85	0.60	48.72	13.81	8.79	1.49	0.71	86.36	3.87	313.95
PPAC123	28	30	DG01590	166.68	2.67	1.20	1.47	3.85	0.47	60.50	0.17	41.06	12.78	6.41	0.51	0.18	13.07	1.21	312.23
PPAC123	30	32	DG01591	152.76	4.80	2.20	3.30	8.38	0.81	95.97	0.24	82.01	22.80	13.06	0.98	0.26	26.28	1.65	415.48
PPAC123	32	34	DG01592	125.42	16.85	7.01	9.39	26.34	2.84	232.03	0.67	194.51	53.32	33.85	3.34	0.91	89.11	5.09	800.67
PPAC123	34	36	DG01593	76.32	8.93	4.01	4.01	12.39	1.58	100.82	0.39	72.01	19.77	12.72	1.67	0.50	48.85	2.84	366.81
PPAC163	31	32	DG00870	138.03	4.01	1.48	1.26	6.20	0.70	97.08	0.14	44.33	14.43	7.65	0.84	0.18	20.19	0.98	337.50
PPAC165	12	14	DG00832	462.49	21.39	6.52	8.12	43.29	3.15	903.70	0.43	462.30	157.07	67.17	4.94	0.71	87.11	3.46	2231.85
PPAC165	24	26	DG00838	210.94	4.65	1.84	1.32	7.90	0.77	138.34	0.19	82.50	26.63	12.06	0.98	0.23	22.39	1.39	512.11
PPAC165	26	27	DG00839	261.05	5.83	2.28	1.66	9.43	0.95	150.27	0.24	101.15	31.90	14.55	1.20	0.30	24.56	1.73	607.09