Methodology

We undertook analyses on a total of 19 samples (Supplementary Information Table 1) from the Palaeogene and Neogene Indo-Burman Ranges and compared them with published data from the Himalaya and Burma in order to identify provenance of the rocks. Multiple proxies are used to get the best image of source provenance and to avoid the potential bias that may arise from a reliance on just one or two methods. Below is a detailed methodology for each technique used and the relevant table of data for each analysis.

Heavy Mineral and Petrography study:

400 points were counted in the selected samples according to the Gazzi-Dickinson method (Dickinson, 1985). A classification scheme of grain types allowed for the collection of fully quantitative information on the sampled sandstones. Transparent dense minerals were counted on grain mounts according to the 'ribbon counting' method, and 200 minerals were counted also to assess the percentage of etched and corroded grains. Dense minerals were concentrated with sodium metatungstate (density 2.9 g/cm^3) using the 63–250μm fraction treated with hydrogen peroxide, oxalic acid and sodium ditionite to eliminate organic matter, iron oxides and carbonates respectively. The MI Index ("Metamorphic Index"; Garzanti and Vezzoli 2003) expresses the average rank of metamorphic rock fragments in the studied samples, and varies from 0 in detritus from sedimentary and volcanic cover rocks to 500 in detritus from high-grade basement rocks. The results from the heavy mineral and petrography study are presented in Supplementary Information Tables 2a and 2b.

Detrital zircon fission track analysis:

Samples for Zircon fission track analysis were mounted in PTFE Teflon, polished and etched using a binary eutectic of NaOH:KOH at 225°C. Multiple grain mounts were made for each sample and etched for different durations of time to avoid source bias. Samples were then packed with muscovite external detectors and CN2 glass dosimeter and irradiated in the well thermalised (Cd ratio for Au >100) of the Garching facility, Germany. Fission-track densities were measured using an optical microscope at 1250x magnification. Ages (±1s) were calibrated by the zeta method (Hurford and Green, 1983), using a zeta factor for zircon of 127 ± 5, determined by multiple analyses of zircon age standards. Detrital zircon fission track data is presented in Supplementary Information Table 3 and includes a definition of terms.

Detrital zircon U-Pb analysis:

The majority of samples were analysed using the U-Pb technique at University College London, however one sample was analysed at NIGL.

At UCL samples were analysed by LA-ICPMS using a New Wave 213 aperture imaged frequency quintupled laser ablation system (213nm) coupled to an Agilent 750 quadrupole-based ICP–MS. Real time data were processed using GLITTER and repeated measurements of external zircon standard PL (Svojtka et al., 2001; TIMS reference age 337.1±0.7 Ma) to correct for instrumental mass bias and downhole fractionation affects. Data were filtered using standard discordance tests with a 10% cutoff. U/Th concentrations were determined relative to of NIST glass

612. Data correction was by the 208 method that assumes concordance of the U–Pb and Th–Pb systems. Supplementary Information Table 4 contains all concordant data (<10% discordance). For all samples we use 206/238 ages, as the difference between the 207/235 ages and the 206/238 ages above the standard but arbitrary cut-off of 400 Ma, was negligible.

At NIGL the laser used for LA-ICPMS was the New Wave 193nm solid state laser. It was operated in either a 50µm spot, usually 5Hz and approximately 5-6J/cm^2 power. The mass spectrometer used was the Thermo-Elemental Axiom multicollector instrument in multi-collection mode using a single ion counting detector and an array of faraday detectors with several magnet peak hops to align appropriate ion beams into detectors using the method of Horstwood et al. (2003). In this lab data produced on the Axiom used the Manangotry 554Ma monazite standard supplemented by the 54 Ma FC-1 xenotime standard. We are satisfied that the factors affecting elemental fractionation were properly controlled during the procedures to ensure that the Pb/U uncertainties are correct. The reproducibility of the standards was approximately 1-2% on the Axiom during the session in which the was analysed. A correction for common Pb was made using the excess ^{204}Pb signal after subtraction for ^{204}Hg, according to the method of Horstwood et al. (2003). Supplementary Information Table 5 contains the U-Pb data for one sample run at NIGL.

Detrital muscovite mica ^{40}Ar-^{39}Ar analysis:

Laser ^{40}Ar-^{39}Ar single fusion experiments were carried out in the NERC Argon Isotope Laboratory, East Kilbride, Scotland. For each sample ca 50 grains varying in grain size from larger than 1 mm to ca. 100 micrometer diameter were packed in approximately 1 cm square Al-foil packages, stacked and interspersed with packages containing a mineral standard into a 25 mm OD Al irradiation tube. The monitor mineral standard is Taylor Creek Rhyolite sanidine (TCR2a) with a ^{40}Ar-^{39}Ar age of 28.34 Ma (Renne et al. 1998). Samples and monitors were irradiated for 10 hrs in a Cd-lined facility (RODEO) at the Petten HFR, Netherlands.

Following irradiation samples were loaded onto a 52 mm diameter Cu-sample tray that contained circular machined depressions (2 mm deep, 2 mm diameter), and placed in a UHV laser cell. The laser cell is fitted with a zinc-selenide UHV-window for transmission of IR laser light. Because the ZnSe window was attached to the stainless steel housing of the with a braised seal, the laser cell was limited to a bake-out temperature of <100°C. A 25W CO_2 laser was used to fuse samples. At these settings 15% laser power setting was sufficient to fuse the samples. System blanks were measured every 2-5 grains. and found to be stable through the course of analysis. Data were collected on a GVi instruments Argus multi-collector mass spectrometer using a variable sensitivity faraday collector array in static (non-peak hopping) mode.

For off-line data reduction, we used an in-house Excel-based method of age calculation. The ages are reported with uncertainties at 1-sigma level. Younger and smaller grains were more difficult to measure, and it was found empirically that when sample to blank ratios of 39Ar (and then filtered a second time by looking at sample-blank ratio of 40Ar were lower than ca 8-10, uncertainties in the calculated age were very high, preventing the use of these grains for interpretation. Accepted analyses all yielded ages that are realistic for the sample, e.g., greater than the stratigraphic age, and fall into age ranges for known events or rock sequences in the hinterland.

The ^{40}Ar-^{39}Ar data for this study is presented in Supplementary Information Table 6.

Sm/Nd isotope fingerprinting:

Whole rock Sm and Nd isotope data in sedimentary rocks are widely used to fingerprint sediment source. $^{143}Nd/^{144}Nd$ ratios are generally normalised and expressed in epsilon units as deviation from a chondritic uniform reservoir, where CHUR εNd = 0. A single epsilon unit is equivalent to a difference in $^{143}Nd/^{144}Nd$ ratio at the 4th digit. For clastic sedimentary rocks εNd will in part represent the weighted average of when the sediment sources were extracted from the mantle. When melt is extracted from the mantle it has a lower Sm/Nd ratio than its parent and therefore evolves over time to have a lower εNd than CHUR, the residual has a higher Sm/Nd than CHUR evolving to higher εNd over time.

For this study sandstone, mudstone and modern river samples were collected from type locations from the Palaeogene and Neogene Indo-Burman Ranges. Whole rock samples were ignited overnight at 900°C to remove any organic material. Dissolution and analytical methods follow Ahmad et al. (2000) with the exception that the samples were spiked with a mixed ^{150}Nd-^{149}Sm spike and ^{143}Nd-^{144}Nd ratios measured on the spiked fraction. εNd is calculated relative to the present-day (i.e. at t = 0) using CHUR $^{143}Nd/^{144}Nd = 0.512638$. Sm and Nd blanks were less than 10^{-3} of sample and the laboratory Johnson Mathey Nd internal standard gave $^{143}Nd/^{144}Nd = 0.511119 \pm 5$ (1 sigma=24) over the period of the analyses. Isotope ratios were measured on a T40 sector 54 VG Thermal Ionisation Mass Spectrometer (TIMS) using a triple filament assembly.

The data for Sm-Nd fingerprinting are presented in Supplementary Information Table 7.

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Supplementary Information 1 Samples/GPS references

Sample no.	Location co-ordinates (WGS84)	Lithology	Location information	
MY05-2A	N20°06'50.0" E092°53'50.3"	sandstone	Sittwe Pt	
MY05-3D	N20°50'19.3" E092°59'18.6"	sandstone	Kyaktaw, besude temple	
MY05-4A	N20°39'39" E093°14'56.5"	MR sand	Lemyu R. downstream of tribs. Tidal.	
MY05-5A	N20°44'34.7" E093°16'45.6"	siltstone	Koum Chang (nr Bungalow)	
MY05-6B	N20°44'24.5" E093°16'13.4"	sandstone	as above	
MY05-8A	N20°49'24.7" E093°18'46.2"	MR Sand	Lemyu River upstream of Wek	
MY05-10B	N20°50'45.6" E093°18'27.7"	sandstone	as above	
MY05-14E	N18°27'58.2"E094°17'29.5"	sandstone	Sabagi Point	
MY05-15A	N17°57'18.3" E094°32'56.9"	MR Sand	Kyeintuli River	
MY05-16A	N18°10'13.0" E094°30'11.3"	MR Sand	Pazunbye River	2D accuracy with GPS.
MY05-17B	N18°59'13.8" E094°15'12.7"	MR Mud	Thanlwe River	
MY05-22A	N18°27'50.8" E094°23'44.6"	MR Sand	Thandwe River	
MY05-23A	N18°49'43.3" E095°12'19.7"	MR Sand	Irrawaddy River	
MY05-23B	N18°49'43.3" E095°12'19.7"	MR Mud	Irrawaddy River	

*MR = Modern River
general locations shown on Figure 1

Supplementary Information Item 1 was updated on January 7th 2016 at the request of co-author Yani Najam in order to correct the GPS references for the sample location.

Supplimentary Information 2A Petrography Palaeogene and Neogene IBR

location	River name	sample	Q	F	L	Lv	Lc	Lp	Lch	Lm	Lu	total	M.I. Index
Sittwe Pt.		MY05-2A	59	28	13	4	0	0	0	9	0.0	100.0	200
Kyaktaw, Beside temple		MY05-3D	65	10	25	4	0	0	0	21	0.0	100.0	241
Kyauktaw	Kaladan	MY05-3AB	42	3	55	1	0	32	1	21	0.0	100.0	121
At Bungalow on Lemyu River		MY05-6B	71	11	19	2	0	0	1	16	0.0	100.0	226
lemyu river		MY05-10B	61	14	24	3	0	1	0	20	0.0	100.0	228
Padali		MY05-1A	47	9	44	1	0	14	0	28	0.0	100.0	138
Kyaukphyu island		-	68	11	21	4	0	1	2	14	0.0	100.0	176
Mrauk U	Lemyu	MY05-4A	13	1	86	1	0	38	1	46	0.0	100.0	115
Sabadgi Point		MY05-14E	12	27	61	54	0	1	1	6	0.0	100.0	167
Migyaunglu	Tanlwe	MY05-17A	8	1	91	3	0	52	1	34	0.0	100.0	101
Taunggok	Taunggok	MY05-18A	11	3	86	2	0	36	0	47	0.0	100.0	106
Shwehle	Tahde	MY05-21A	12	2	86	3	0	34	1	49	0.0	100.0	107
Thandwe	Thandwe	MY05-22A	16	2	82	2	0	41	1	38	0.0	100.0	114
Pazunbye	Pazunbye	MY05-16A	19	2	78	3	0	34	0	41	0.0	100.0	107
Kyieintuli	Kalabyin	MY05-15A	10	1	89	6	0	33	0	50	0.0	100.0	105
MY05 8A-Pebble 1Upstream Wek	Lemyu	MY05-8A P1	51	12	37	19	0	0	4	10	4	100.0	181
MY05 8A-Pebble 2Upstream Wek	Lemyu	MY05-8A P2	39	24	37	9	0	0	1	26	0	100.0	202
MY05 8A-Pebble 3Upstream Wek	Lemyu	MY05-8A P3	35	23	43	15	0	0	1	23	4	100.0	218
MY05 8A-Pebble 4Upstream Wek	Lemyu	MY05-8A P4	76	7	16	1	0	0	0	16	0	100.0	246
MY05 8A-Pebble 5Upstream Wek	Lemyu	MY05-8A P5	60	6	34	10	0	0	2	22	0	100.0	188

Q= quartz; KF= K-feldspar; P= plagioclase; Lv= volcanic lithics; Lc= carbonate lithics; Lp= terrigenous (shale/siltstone) lithics; Lch= chert lithics; Lm= metamorphic lithics; MI= Metamorphic Index.

Supplementary Information Table 2b - Heavy Mineral Assemblages

River	Site	Sample	HMC	tHMC	% transparent	% opaque	% turbid	Total	zircon	tourmaline	rutile	Ti oxides	titanite	apatite	amphiboles	Cr-spinel	epidote	chloritoid	garnet	staurolite	sillimanite	
Kaladan	Kyauktaw	MY05-3 (S3177)	0.4	0.08	19	8	73	100.0	20	20	14	16	0	0	0	0	2	4	19	3	0	100.0
Lemro	Mrauk U	MY05-4A (S3178)	1.1	0.01	1	3	96	100.0	60	0	0	0	0	0	0	0	20	20	0	0	0	100.0
Tanlwe	Migyaunglu	MY05-17A (S3193)	0.3	0.06	20	10	70	100.0	7	2	5	11	4	0	0	7	61	0	4	0	0	100.0
Taunggok	Taunggok	MY05-18A (S3194)	0.2	0.02	9	6	85	100.0	9	9	12	15	6	0	6	0	41	0	0	0	3	100.0
Tahde	Shwehle	MY05-21A (S3195)	0.7	0.08	11	10	79	100.0	0	3	9	9	3	1	0	2	71	0	2	0	0	100.0
Thandwe	Thandwe	MY05-22A (S3197)	0.3	0.03	8	9	83	100.0	20	8	10	18	4	2	2	14	16	0	4	0	0	100.0
Pazunbye	Pazunbye	MY05-16A (S3191)	0.7	0.12	16	10	74	100.0	46	4	16	8	1	0	0	8	15	0	1	0	0	100.0
Kyieintuli	Kalabyin	MY05-15A (S3188)	0.5	0.01	3	4	93	100.0	17	6	6	11	0	0	0	0	61	0	0	0	0	100.0
-	Sittwe Pt.	MY05-2A	0.2	0.1	64	13	22	100.0	3	6	4	21	1	20	1.5	0	4	5	32	0	0	100.00
-	Sittwe Pt	MY05-2A 2	0.6	0.2	30	11	59	100.0	24	17	12	11	2	1	0.5	4	2	4	19	1.5	0	99.51
-	Kyaktaw, Beside temple	MY05-3D	0.5	0.3	66	6	27	100.0	1	18	5	18	1	18	0	1	1	11	26	0	0	100.00
Lemyu river	At Bungalow	MY05-6B	0.3	0.2	58	0	42	100.0	8	27	7	47	0	9	0	0	1	0	0	0.5	0	100.00
Lemyu river between Wek and Luee Tribs		MY05-10B	0.3	0.1	26	1	73	100.0	14	16	12	50	1	6	0	0	1	0	0	0	0	100.00
-	Sabadgi Point	MY05-14E	0.4	0.2	52	7	40	100.0	4	3	0	67	0	8	0	17	0	0	0	0	0	100.00
Lemyu	Mrauk U	MY05-4A	1.1	0.01	1	3	96	100.0	60	0	0	0	0	0	0	0	20	20	0	0	0	100.00

HMC and tHMC indices give the concentration of total and transparent heavy minerals in weight in the 63-250 micron fraction (Garzanti and Andò 2007). Because of extreme rarity of transparent heavy minerals in Arakan river sands (0.05% of bulk sediment on average), only few transparent heavy minerals could be retrieved and identified in several samples (n° identified grains). Strongly depleted assemblages, with absence of pyroxene and scarcity of amphibole, indicate intense diagenetic dissolution in turbiditic source rocks (Clastic Wedge Provenance of Garzanti et al., 2007).

Supplementary Information 3 Detrital Zircon Fission Track data for all samples (Palaeogene, Neogene and Irrawaddy River)

Sample	No.xtals	Dosimeter ρd	Nd	Spontaneous ρs	Ns	Induced ρi	Ni	Age dispersion $P\chi^2$	$RE_{\%}$	Central age (Ma) ±1σ	Age Components 1st	2nd	3rd	4th	5th
MY05-2A	20	0.418	3140	4.904	1825	6.813	2666	0.0	64.5	**18.1±2.7**	6.3±0.5 (6)	10.1±0.8 (9)	37.6±2.6 (4)		
MY05-3D	20	0.414	2589	6.058	1387	3.132	744	0.0	63.9	**42.6±6.5**	13±4 (1)	21±2 (9)	60±6 (8)	213±33 (2)	
MY05-4A	49	0.422	3140	5.243	4746	5.243	1990	0.0	31.6	**64.8±3.7**	37.8±2.3 (10)	60.1±4.0 (25)	85±10 (13)		
MY05-6B	40	0.414	2589	9.725	7011	3.547	2453	0.0	44.7	**69.3±5.4**	35±6 (5)	55±4 (16)	82±8 (4)	190±22 (5)	
MY05-10B	52	0.413	2589	8.311	7154	3.430	2589	0.0	69.6	**46.6±4.7**	28±1 (27)	47±3 (12)	108±14 (4)	440±39 (7)	
MY05-14E	61	0.413	2589	6.381	8493	2.318	2589	0.0	38.1	**66.1±3.8**	22±8 (1)	45±2 (19)	65±4 (26)	101±6 (13)	1304±534 (1)
MY05-18A	30	0.425	3140	9.710	3332	2.535	1010	0.0	63.8	**86.4±10.7**	36.4±2.4 (8)	83.1±5.1 (16)	288±52 (4)		
MY05-3B	22	5.336	3698	5.260	2031	3.090	1278	0.0	71.1	**48.2±7.6**	18.4±1.3 (9)	56.6±4.2 (9)	152.9±19.7 (4)		
MY05-8A	25	5.336	3698	4.236	1442	3.090	1061	0.0	36.2	**45.0±3.9**	27.8±2.8 (10)	51.6±5.1 (14)			
MY05-15A	11	5.336	3698	6.836	997	3.313	465	0.0	49.0	**74.2±11.8**	28.3±4.5 (1)	70.5±4.7 (8)	113±26 (1)	613±257 (1)	
MY05-16A	39	5.336	3698	8.287	4473	2.842	1589	0.0	55.6	**91.3±8.7**	53.7±2.3 (20)	116.8±11.6 (12)	291.7±4.1(6)		
MY05-22A	25	5.336	3698	5.622	2944	2.336	1207	0.0	42.5	**78.3±7.4**	45.6±2.8 (9)	94.0±4.7 (15)	595±181 (1)		
MY05-23A	96	5.336	3698	4.211	9004	4.329	9004	0.0	62.3	**38.9±2.4**	14.1±0.7 (17)	22.9±0.8 (33)	31.0±1.7 (12)	49.2±2.6 (14)	82.0±4.9 (19)

(i). Track densities are ($x10^6$ tr cm^{-2}) numbers of tracks counted (N) shown in brackets;

(ii). analyses by external detector method using 0.5 for the $4\pi/2\pi$ geometry correction factor;

(iii). ages calculated using dosimeter glass CN-2; (zircon) ζ_{CN2} =127±5
calibrated by multiple analyses of IUGS apatite and zircon age standards (see Hurford 1990);

(iv). $P\chi^2$ is probability for obtaining χ^2 value for v degrees of freedom, where v = no. crystals - 1;

(v). Central age is a modal age, weighted for different precisions of individual crystals (see Galbraith and Laslett 1993);

(vi) irradiation in thermal facility of Hifar Reactor, Lucas Heights, Australia (cadmium ratio for Au >100). Samples marked * were irradiated using the well thermalised facility of the Forschungsneutronenquelle Heinz Maier Leibnitz (FRMII) research rector at Garching, Germany.

Supplementary Information 4 U-Pb zircon data (UCL)

Sample	206/238	err	207/235	err	206/238 (Ma)	err (Ma)	206/207 (Ma)	err (Ma)
MY05-2A								
MY2A1	0.00256	0.00004	0.01833	0.0004	**16.5**	**0.3**	275.4	53.6
MY2A2	0.07563	0.00129	0.61313	0.01214	**470**	**7.7**	557.2	46.7
MY2A3	0.14276	0.00269	1.39874	0.03121	**860.3**	**15.2**	957.3	50.2
MY2A4	0.19013	0.00314	2.00883	0.0323	**1122.1**	**17.0**	1110.1	34.8
MY2A5	0.1162	0.00252	1.02591	0.03081	**708.7**	**14.6**	741.5	69.4
MY2A6	0.17695	0.00276	1.86822	0.02529	**1050.3**	**15.1**	1109.4	28.8
MY2A7	0.00929	0.00039	0.07067	0.00556	**59.6**	**2.5**	417.5	185.0
MY2A9	0.11772	0.00208	1.12105	0.02196	**717.4**	**12.0**	901.2	44.1
MY2A10	0.2693	0.00435	3.66742	0.04992	**1537.2**	**22.1**	1601.7	27.3
MY2A11	0.00619	0.00023	0.04486	0.00319	**39.8**	**1.5**	310.4	169.3
MY2A12	0.14892	0.0026	1.43465	0.02683	**894.9**	**14.6**	926	41.7
MY2A14	0.20739	0.00313	2.36294	0.02638	**1214.9**	**16.7**	1262.5	22.1
MY2A15	0.00692	0.00025	0.05214	0.00359	**44.4**	**1.6**	401.7	162.9
MY2A17	0.31573	0.00494	4.92824	0.05772	**1768.9**	**24.2**	1854.4	21.8
MY2A18	0.1269	0.00207	1.15746	0.01796	**770.1**	**11.9**	814.9	34.2
MY2A19	0.00464	0.00017	0.03014	0.00231	**29.8**	**1.1**	60.5	188.0
MY2A20	0.08258	0.00137	0.64657	0.01091	**511.5**	**8.1**	486.9	39.6
MY2A21	0.12041	0.00221	1.18963	0.02409	**732.9**	**12.7**	980.4	44.8
MY2A22	0.15923	0.00264	1.57188	0.02439	**952.5**	**14.7**	978.7	33.3
MY2A23	0.5892	0.01057	21.39754	0.28654	**2986.2**	**42.9**	3270.5	22.6
MY2A24	0.14752	0.00247	1.40615	0.02251	**887**	**13.9**	907.3	34.7
MY2A25	0.43183	0.00787	10.40395	0.15439	**2314**	**35.4**	2607.4	26.9
MY2A27	0.19221	0.00389	2.12318	0.04918	**1133.3**	**21.0**	1204.5	49.9
MY2A28	0.12159	0.0021	1.16894	0.02002	**739.7**	**12.1**	925.3	37.2
MY2A29	0.17141	0.00289	1.68376	0.02641	**1019.9**	**15.9**	969.5	33.3
MY2A30	0.11285	0.00208	0.97522	0.02061	**689.3**	**12.1**	702.5	48.0
MY2A31	0.13024	0.00232	1.19087	0.02233	**789.2**	**13.3**	821.6	41.3
MY2A32	0.31768	0.00536	4.85228	0.06786	**1778.4**	**26.2**	1816.8	25.9
MY2A34	0.17396	0.00361	1.71127	0.04327	**1033.9**	**19.9**	972.4	55.6
MY2A35	0.09196	0.00206	0.70095	0.02294	**567.1**	**12.2**	428.9	77.6
MY2A36	0.0149	0.00095	0.0959	0.0139	**95.3**	**6.0**	39	338.5
MY2A37	0.15684	0.003	1.45437	0.03186	**939.2**	**16.7**	850.6	48.2
MY2A38	0.21145	0.00367	2.48426	0.03919	**1236.5**	**19.6**	1324.7	31.3
MY2A39	0.11636	0.00241	1.03005	0.02705	**709.6**	**13.9**	753.1	59.2
MY2A40	0.08516	0.0026	0.62289	0.03362	**526.9**	**15.4**	335.7	127.9
MY2A42	0.02904	0.00055	0.21063	0.00485	**184.5**	**3.4**	316.6	54.6
MY2A43	0.12947	0.00235	1.18747	0.02234	**784.8**	**13.4**	826.8	40.4
MY2A44	0.60776	0.01005	20.45939	0.26432	**3061**	**40.3**	3150.1	19.0
MY2A45	0.07893	0.00145	0.6162	0.01257	**489.7**	**8.7**	479.9	46.8
MY2A46	0.34489	0.00604	5.23354	0.07939	**1910.2**	**28.9**	1802.6	26.8
MY2A47	0.08375	0.00194	0.64976	0.02199	**518.5**	**11.5**	464.6	80.1
MY2A48	0.55681	0.00969	16.79258	0.24212	**2853.4**	**40.1**	2972.9	21.9
MY2A49	0.00741	0.00018	0.05127	0.00198	**47.6**	**1.1**	205.6	94.3
MY2A50	0.12313	0.00332	1.10322	0.04419	**748.6**	**19.1**	774.9	90.2
MY2A51	0.29386	0.00514	4.19557	0.06388	**1660.8**	**25.6**	1689.4	26.4

MY2A52	0.0302	0.00054	0.49274	0.00772	**191.8**	**3.4**	1931.5	27.0
MY2A53	0.00157	0.00004	0.01066	0.00039	**10.1**	**0.2**	158.6	89.8
MY2A54	0.08154	0.0015	0.62064	0.012	**505.3**	**9.0**	419.8	41.9
MY2A56	0.3185	0.00606	4.70006	0.0863	**1782.4**	**29.6**	1748	33.0
MY2A58	0.30709	0.0056	4.68784	0.07878	**1726.3**	**27.6**	1808.9	28.6
MY2A59	0.18812	0.00352	1.95183	0.03638	**1111.2**	**19.1**	1072.1	36.0
MY2A61	0.20446	0.00403	2.24357	0.04703	**1199.2**	**21.6**	1182.4	41.0
MY2A62	0.01966	0.00124	0.13536	0.02158	**125.5**	**7.8**	185.7	353.7
MY2A63	0.00974	0.00021	0.07023	0.00209	**62.5**	**1.4**	289.8	69.3
MY2A64	0.00837	0.0004	0.06522	0.00588	**53.7**	**2.5**	463.5	207.8
MY2A65	0.09497	0.00282	0.77871	0.03815	**584.8**	**16.6**	574.2	111.3
MY2A66	0.08835	0.00176	0.70582	0.01608	**545.8**	**10.5**	516	48.4
MY2A67	0.19632	0.00377	2.12202	0.0413	**1155.5**	**20.3**	1145.9	35.0
MY2A68	0.14617	0.00379	1.37225	0.05019	**879.4**	**21.3**	858.9	79.1
MY2A69	0.09058	0.00222	0.73268	0.02614	**559**	**13.2**	539.9	80.8
MY2A70	0.10013	0.00268	0.82366	0.03359	**615.2**	**15.7**	576.3	91.8
MY2A71	0.17497	0.00376	1.79523	0.04543	**1039.4**	**20.6**	1037.9	49.8
MY2A72	0.00804	0.00055	0.06044	0.00912	**51.6**	**3.6**	375.2	333.0
MY2A73	0.11477	0.00238	1.01638	0.02455	**700.4**	**13.8**	731.5	48.3
MY2A74	0.00649	0.00035	0.05	0.00592	**41.7**	**2.2**	425.9	263.3
MY2A75	0.14789	0.00328	1.40199	0.03841	**889.2**	**18.4**	871.8	55.2
MY05-3D								
3DMY1	0.52872	0.00779	6.84366	0.08204	**2736.0**	**32.8**	1502.1	21.0
3DMY2	0.01762	0.00058	0.12133	0.00806	**112.6**	**3.7**	188.4	159.6
3DMY3	0.20707	0.00346	2.05769	0.03020	**1213.2**	**18.5**	985.8	27.1
3DMY7	0.17525	0.00438	1.45602	0.04142	**1041.0**	**24.0**	1044.7	22.0
3DMY8	0.55040	0.01371	7.51478	0.16337	**2826.8**	**57.0**	1144	26.9
3DMY11	0.32582	0.00441	4.91869	0.05418	**1818.1**	**21.4**	1790.7	21.6
3DMY12	0.19715	0.00289	2.10179	0.03182	**1160.0**	**15.6**	1129.3	33.0
3DMY13	0.19654	0.00449	2.09192	0.06850	**1156.7**	**24.2**	1126.2	72.4
3DMY14	0.19728	0.00300	2.12130	0.03494	**1160.7**	**16.2**	1146.4	36.0
3DMY15	0.30794	0.00427	4.38478	0.05229	**1730.6**	**21.0**	1683.7	23.9
3DMY16	0.01849	0.00102	0.12198	0.01782	**118.1**	**6.5**	90	333.1
3DMY18	0.07588	0.00108	0.61285	0.00928	**471.5**	**6.4**	938.2	115.3
3DMY19	0.18392	0.00247	1.89083	0.02195	**1088.3**	**13.4**	551.6	35.5
3DMY20	0.08603	0.00254	0.75730	0.04025	**532.0**	**15.1**	1056.7	25.1
3DMY21	0.16736	0.00223	1.66595	0.01889	**997.5**	**12.3**	736.6	120.3
3DMY22	0.31872	0.00451	4.70856	0.05896	**1783.5**	**22.1**	991.8	24.4
3DMY23	0.01422	0.00052	0.09242	0.00940	**91.0**	**3.3**	1751.8	24.9
3DMY24	0.44758	0.00597	9.86163	0.10039	**2384.5**	**26.6**	56.8	238.1
3DMY26	0.12589	0.00188	1.16992	0.01962	**764.4**	**10.8**	2453.9	18.2
3DMY27	0.06541	0.00126	0.50077	0.01523	**408.4**	**7.6**	4132.5	79.6
3DMY28	0.12754	0.00241	1.16074	0.03158	**773.8**	**13.8**	850.6	37.9
3DMY29	0.40182	0.00558	8.51419	0.09618	**2177.4**	**25.6**	433.8	73.0
3DMY30	0.35946	0.00481	7.82887	0.08168	**1979.6**	**22.8**	807.1	62.1
3DMY31	0.19573	0.00274	2.06688	0.02766	**1152.3**	**14.8**	2387.7	20.9
3DMY33	0.29386	0.00451	4.00055	0.06256	**1660.8**	**22.5**	2434.4	18.7
3DMY35	0.32862	0.00463	5.01370	0.06351	**1831.7**	**22.5**	1111.2	28.7
3DMY36	0.16382	0.00233	1.66514	0.02362	**978.0**	**12.9**	3852.1	192.2
3DMY37	0.19028	0.00302	2.02003	0.03709	**1122.9**	**16.4**	1601.1	32.2

3DMY38	0.23660	0.00403	2.95718	0.05875	**1369.0**	**21.0**	390.1	187.5
3DMY39	0.15585	0.00276	1.58348	0.03643	**933.7**	**15.4**	1810.9	24.8
3DMY40	0.08880	0.00176	0.74971	0.02278	**548.4**	**10.4**	1034.7	30.8
3DMY41	0.18531	0.00248	1.55621	0.02059	**1095.9**	**13.5**	1121.9	40.1
3DMY42	0.23464	0.00370	2.79686	0.04932	**1358.8**	**19.3**	1440	42.1
3DMY43	0.33333	0.00437	5.15679	0.05311	**1854.5**	**21.1**	1033.8	51.1
3DMY44	0.08237	0.00107	0.81405	0.00924	**510.2**	**6.4**	648.3	70.8
3DMY45	0.17565	0.00232	1.90138	0.02206	**1043.2**	**12.7**	1159.6	24.6
3DMY46	0.23565	0.00311	2.85446	0.03155	**1364.0**	**16.2**	1379.1	22.6
3DMY47	0.08991	0.00123	0.73070	0.01048	**555.0**	**7.3**	564.8	33.3
3DMY48	0.18981	0.00306	2.17391	0.04137	**1120.3**	**16.6**	1270.6	41.0
3DMY49	0.11699	0.00202	1.01452	0.02469	**713.2**	**11.6**	704.5	56.2
3DMY50	0.19996	0.00264	2.16596	0.02462	**1175.1**	**14.2**	1160.9	23.9
3DMY51	0.01628	0.00035	0.10577	0.00452	**104.1**	**2.2**	54.9	106.9
3DMY52	0.30237	0.00435	4.46567	0.05880	**1703.0**	**21.5**	1750.8	26.4
3DMY53	0.50198	0.00710	12.34688	0.13768	**2622.3**	**30.5**	2637.8	20.3
3DMY54	0.12056	0.00176	1.36706	0.02051	**733.8**	**10.1**	1251.1	31.9
3DMY55	0.27131	0.00359	3.55072	0.03789	**1547.4**	**18.2**	1526.3	21.1
3DMY56	0.30570	0.00435	4.48613	0.05746	**1719.5**	**21.5**	1739.0	25.5
3DMY57	0.14184	0.00205	1.54212	0.02257	**855.0**	**11.6**	1168.3	31.4
3DMY58	0.13752	0.00203	1.26727	0.02078	**830.6**	**11.5**	832.5	36.8
3DMY59	0.00817	0.00040	0.05471	0.00708	**52.5**	**2.6**	126.0	295.8
3DMY60	0.45735	0.00589	12.07274	0.11145	**2427.8**	**26.1**	2754.5	15.2
3DMY61	0.26293	0.00354	3.50791	0.03895	**1504.8**	**18.1**	1562.4	21.7
3DMY62	0.21999	0.00309	2.57816	0.03353	**1281.8**	**16.3**	1315.2	26.9
3DMY63	0.25091	0.00377	3.46321	0.05133	**1443.2**	**19.4**	1625.8	30.1
3DMY64	0.32671	0.00439	4.79044	0.05202	**1822.4**	**21.3**	1737.4	20.5
3DMY65	0.11482	0.00214	0.99879	0.02708	**700.7**	**12.4**	711.0	62.4
3DMY66	0.40781	0.00534	10.35178	0.10260	**2204.9**	**24.5**	2690.0	16.3
3DMY67	0.19305	0.00304	1.96317	0.03611	**1137.9**	**16.5**	1034.5	40.1
3DMY68	0.12653	0.00203	1.13260	0.02285	**768.0**	**11.6**	771.5	45.7
3DMY69	0.14437	0.00233	1.37850	0.02749	**869.3**	**13.1**	906.0	44.3
3DMY70	0.08966	0.00134	0.72515	0.01266	**553.5**	**8.0**	554.0	40.2
3DMY71	0.27037	0.00386	3.63025	0.04778	**1542.7**	**19.6**	1574.3	25.8
3DMY72	0.51301	0.00787	13.41234	0.18083	**2669.5**	**33.5**	2738.5	24.0
3DMY73	0.34646	0.00479	5.39862	0.06413	**1917.7**	**23.0**	1848.1	21.8
3DMY74	0.20452	0.00422	8.51962	0.15049	**1199.6**	**22.6**	3480.8	34.8
3DMY75	0.18459	0.00258	1.93185	0.02459	**1092.0**	**14.0**	1092.1	25.9
3DMY76	0.08191	0.00121	0.65756	0.01074	**507.5**	**7.2**	537.0	37.9
3DMY77	0.19165	0.00534	2.09538	0.08914	**1130.3**	**28.9**	1179.1	92.3
3DMY78	0.18229	0.00263	1.88686	0.02668	**1079.5**	**14.4**	1070.0	29.3
3DMY79	0.30422	0.00445	4.52937	0.06232	**1712.2**	**22.0**	1765.2	26.0
3DMY80	0.08624	0.00137	0.68973	0.01346	**533.3**	**8.1**	528.9	45.5
3DMY81	0.18120	0.00291	1.81185	0.03390	**1073.5**	**15.9**	999.9	40.1
3DMY82	0.28472	0.00509	3.87758	0.08045	**1615.1**	**25.6**	1600.5	42.1
3DMY83	0.31305	0.00542	4.64652	0.08937	**1755.7**	**26.6**	1759.4	38.0
3DMY84	0.08931	0.00154	0.71866	0.01696	**551.5**	**9.1**	541.9	55.2
3DMY85	0.13547	0.00202	1.18857	0.01868	**819.0**	**11.5**	728.7	33.9
3DMY86	0.18819	0.00363	1.97654	0.05122	**1111.6**	**19.7**	1098.9	56.0
3DMY87	0.22887	0.00340	2.56717	0.03841	**1328.6**	**17.8**	1229.2	29.6
3DMY88	0.15435	0.00227	1.49884	0.02198	**925.3**	**12.7**	940.1	29.9

3DMY89	0.14974	0.00228	1.40771	0.02292	**899.5**	**12.8**	873.3	34.2
3DMY90	0.19391	0.00330	2.07793	0.04274	**1142.5**	**17.8**	1138.9	43.2
3DMY91	0.36033	0.00561	6.06812	0.09690	**1983.7**	**26.6**	1986.9	28.8
3DMY92	0.32778	0.00668	5.04177	0.12307	**1827.6**	**32.4**	1824.0	48.6
3DMY93	0.16360	0.00249	1.55794	0.02502	**976.8**	**13.8**	899.6	32.8
3DMY94	0.13190	0.00205	1.18473	0.02036	**798.7**	**11.7**	777.9	36.2
3DMY95	0.17942	0.00278	1.71376	0.02887	**1063.8**	**15.2**	905.8	34.5
3DMY96	0.17275	0.00280	1.73244	0.03239	**1027.3**	**15.4**	1005.4	38.6
3DMY97	0.13636	0.00235	1.22717	0.02700	**824.1**	**13.3**	781.8	47.9
3DMY98	0.65882	0.01077	22.46210	0.37361	**3262.6**	**41.9**	3166.4	26.5
3DMY99	0.16227	0.00269	1.60508	0.03169	**969.4**	**15.0**	977.2	41.0
3DMY100	0.20809	0.00342	2.32047	0.04389	**1218.6**	**18.3**	1217.2	37.6
MY05-10B								
MY10B1	0.18033	0.00348	1.86082	0.05101	**1068.8**	**19.0**	1063.2	59.6
MY10B2	0.17257	0.00318	1.74171	0.04558	**1026.2**	**17.5**	1018.2	56.9
MY10B3	0.0348	0.00068	0.26779	0.008	**220.5**	**4.3**	442.7	71.2
MY10B4	0.08624	0.00175	0.68581	0.02145	**533.3**	**10.4**	515.2	73.8
MY10B5	0.37247	0.00709	6.50725	0.17669	**2041.0**	**33.3**	2051	51.3
MY10B6	0.09551	0.00191	0.81777	0.0251	**588.1**	**11.3**	674.9	70.1
MY10B7	0.18179	0.00367	1.87542	0.05719	**1076.8**	**20.0**	1060.9	65.5
MY10B8	0.15349	0.00298	1.49276	0.04417	**920.5**	**16.7**	940.8	64.4
MY10B9	0.41999	0.00859	8.28041	0.25185	**2260.4**	**39.0**	2260.8	55.9
MY10B10	0.00896	0.00059	0.05998	0.01051	**57.5**	**3.8**	121.5	388.6
MY10B11	0.08734	0.00297	0.69966	0.04281	**539.8**	**17.6**	528.4	142.0
MY10B12	0.36775	0.00749	6.56865	0.2105	**2018.8**	**35.3**	2087.6	59.5
MY10B13	0.30189	0.00657	4.47611	0.15316	**1700.7**	**32.5**	1753.3	66.3
MY10B15	0.00953	0.00045	0.06965	0.00677	**61.1**	**2.9**	322	226.2
MY10B17	0.43396	0.00727	9.12068	0.21332	**2323.5**	**32.7**	2375	39.2
MY10B18	0.12501	0.00207	1.13885	0.03154	**759.4**	**11.9**	810.9	57.1
MY10B19	0.17292	0.00306	1.73583	0.05667	**1028.2**	**16.8**	1010.9	65.3
MY10B20	0.1855	0.00313	1.92238	0.05355	**1096.9**	**17.0**	1075.2	54.6
MY10B21	0.1958	0.00359	2.12309	0.07384	**1152.7**	**19.4**	1165.4	67.6
MY10B22	0.21185	0.0037	2.35555	0.07136	**1238.7**	**19.7**	1214.7	57.5
MY10B23	0.17273	0.00319	1.68198	0.0608	**1027.2**	**17.5**	948.1	71.6
MY10B24	0.29915	0.0053	3.9553	0.12317	**1687.1**	**26.3**	1546.7	55.4
MY10B25	0.176	0.00332	1.76648	0.06661	**1045.1**	**18.2**	1008.5	72.9
MY10B28	0.19239	0.00396	1.99074	0.09174	**1134.3**	**21.4**	1063.8	84.0
MY10B29	0.19165	0.00399	2.00826	0.09511	**1130.3**	**21.6**	1087.3	84.7
MY10B30	0.4754	0.01041	11.93781	0.58379	**2507.2**	**45.5**	2664.1	71.4
MY10B31	0.14615	0.00362	1.46262	0.09505	**879.4**	**20.3**	990	120.5
MY10B32	0.10821	0.00265	0.94138	0.06253	**662.3**	**15.4**	695.9	127.1
MY10B33	0.20939	0.00473	2.19951	0.12476	**1225.5**	**25.2**	1082.5	96.1
MY10B34	0.15436	0.00394	1.60567	0.11054	**925.3**	**22.0**	1059.8	120.9
MY10B35	0.1052	0.00281	0.88993	0.06927	**644.8**	**16.4**	626.2	146.9
MY10B37	0.14414	0.00362	1.32968	0.0928	**868.1**	**20.4**	802.1	117.4
MY10B38	0.18988	0.00504	1.99877	0.15135	**1120.7**	**27.3**	1068.6	122.6
MY10B40	0.24713	0.00684	2.98368	0.2425	**1423.7**	**35.4**	1329.5	121.8
MY10B42	0.10163	0.00173	0.89432	0.036	**624.0**	**10.1**	735.5	85.4
MY10B43	0.29412	0.00374	4.14519	0.05666	**1662.1**	**18.6**	1664.5	25.3
MY10B44	0.07767	0.0011	0.60785	0.01634	**482.2**	**6.6**	481.3	59.7

MY10B46	0.30829	0.0042	4.51033	0.07932	**1732.3**	**20.7**	1733.4	32.4
MY10B47	0.2477	0.00443	3.10307	0.10761	**1426.6**	**22.9**	1443.3	66.6
MY10B48	0.15547	0.00236	1.50764	0.04345	**931.6**	**13.2**	937.8	59.5
MY10B49	0.09245	0.00147	0.75119	0.02734	**570.0**	**8.7**	564.3	79.4
MY10B50	0.16672	0.00232	1.98874	0.0412	**994.0**	**12.8**	1349.4	40.5
MY10B51	0.15329	0.00205	1.47508	0.02797	**919.4**	**11.5**	922	39.2
MY10B52	0.08367	0.00179	0.66882	0.04193	**518.0**	**10.7**	528.2	135.8
MY10B53	0.40764	0.00558	8.13233	0.13395	**2204.1**	**25.5**	2283.9	28.5
MY10B55	0.18264	0.00249	1.90723	0.03769	**1081.4**	**13.6**	1087.9	39.9
MY10B56	0.12981	0.00224	1.16495	0.02273	**786.8**	**12.8**	777	43.9
MY10B57	0.23978	0.00423	2.89768	0.05416	**1385.6**	**22.0**	1374.5	38.8
MY10B58	0.16912	0.00275	1.74704	0.02816	**1007.3**	**15.2**	1066.1	34.4
MY10B59	0.08751	0.00145	0.70284	0.01288	**540.8**	**8.6**	538.2	43.2
MY10B60	0.21144	0.00341	2.44833	0.03747	**1236.5**	**18.1**	1291.7	31.5
MY10B61	0.19348	0.00386	1.99135	0.04916	**1140.2**	**20.8**	1058.1	53.9
MY10B62	0.50181	0.00836	11.85179	0.1719	**2621.6**	**35.9**	2570	25.2
MY10B63	0.55181	0.00948	15.45876	0.23364	**2832.7**	**39.4**	2851.6	25.7
MY10B64	0.24504	0.00483	3.08733	0.06961	**1412.8**	**25.0**	1454.1	46.5
MY10B65	0.09569	0.00266	0.80243	0.03758	**589.1**	**15.6**	632.6	107.3
MY10B68	0.15516	0.00372	1.48079	0.0519	**929.8**	**20.8**	905.1	77.6
MY10B69	0.17209	0.00376	1.76801	0.05138	**1023.6**	**20.7**	1055.1	63.3
MY10B70	0.0139	0.00045	0.09348	0.00607	**89.0**	**2.9**	136.5	158.1
MY10B71	0.09291	0.00174	0.75641	0.01783	**572.7**	**10.3**	568.9	53.8
MY10B72	0.191	0.00339	1.98263	0.03879	**1126.8**	**18.3**	1076.2	40.6
MY10B74	0.0951	0.00169	0.75741	0.01544	**585.6**	**10.0**	520.8	46.1
MY10B75	0.17262	0.00394	1.70755	0.0543	**1026.5**	**21.7**	978.9	69.0
MY10B76	0.08991	0.00302	0.7298	0.04429	**555.0**	**17.9**	562.5	138.6
MY10B77	0.19459	0.00361	2.09109	0.04615	**1146.2**	**19.5**	1145.5	44.4
MY10B78	0.1684	0.00374	1.72648	0.05245	**1003.3**	**20.6**	1051.4	64.3
MY10B79	0.15609	0.00303	1.51	0.03702	**935.0**	**16.9**	933.4	51.1
MY10B80	0.16427	0.0043	1.65135	0.06426	**980.5**	**23.8**	1011.6	83.6
MY10B81	0.09072	0.00182	0.73258	0.01963	**559.8**	**10.8**	551.3	59.4
MY10B82	0.32075	0.00642	4.83016	0.12316	**1793.4**	**31.3**	1786.6	46.8
MY10B83	0.30026	0.00606	4.28406	0.11195	**1692.6**	**30.1**	1687.6	48.4
MY10B84	0.34044	0.00707	5.41822	0.1471	**1888.8**	**34.0**	1886.7	49.1
MY10B85	0.21198	0.00492	2.39266	0.07785	**1239.4**	**26.2**	1242.3	65.4
MY10B86	0.30202	0.00673	4.35373	0.13128	**1701.3**	**33.3**	1706.5	56.2
MY10B87	0.22743	0.00479	2.74993	0.07915	**1321.0**	**25.2**	1375.8	54.7
MY10B88	0.10617	0.00237	0.91464	0.02964	**650.5**	**13.8**	690.5	69.2
MY10B89	0.48564	0.0112	11.36984	0.35454	**2551.8**	**48.6**	2555.6	52.2
MY10B90	0.32678	0.00735	4.82697	0.15269	**1822.7**	**35.7**	1751	57.2
MY05-14E								
14MY1	0.13910	0.00365	1.30517	0.05576	**839.6**	**20.7**	866.9	96.2
14MY2	0.09577	0.00135	0.80102	0.01095	**589.6**	**8.0**	623.9	31.3
14MY3	0.00775	0.00019	0.05201	0.00251	**49.8**	**1.2**	127.1	119.3
14MY4	0.01511	0.00078	-0.05685	0.02194	**96.6**	**5.0**	0.1	0.0
14MY5	0.00736	0.00058	0.08979	0.01408	**47.3**	**3.7**	1390.7	303.4
14MY6	0.00772	0.00039	0.05208	0.00773	**49.5**	**2.5**	142.9	329.6
14MY7	0.31578	0.00443	4.75684	0.05255	**1769.1**	**21.7**	1784.8	21.5
14MY8	0.00872	0.00059	0.05980	0.01485	**56.0**	**3.7**	180.8	509.2

14MY9	0.01533	0.00044	0.10609	0.00672	**98.1**	**2.8**	200.7	151.4
14MY10	0.01675	0.00119	0.13134	0.02264	**107.1**	**7.6**	483.3	365.7
14MY11	0.00786	0.00040	0.05302	0.00823	**50.5**	**2.6**	140.5	342.7
14MY12	0.07885	0.00162	0.61793	0.02106	**489.2**	**9.7**	482.4	81.1
14MY13	0.00759	0.00044	0.06034	0.01019	**48.7**	**2.8**	514.6	350.0
14MY14	0.03457	0.00118	0.24844	0.01865	**219.1**	**7.4**	288.3	175.0
14MY15	0.01137	0.00061	0.08726	0.01183	**72.9**	**3.9**	437.6	294.2
14MY16	0.11952	0.00181	1.12444	0.01808	**727.8**	**10.4**	874.1	35.9
14MY17	0.01543	0.00075	0.10055	0.01141	**98.7**	**4.8**	60.5	269.3
14MY18	0.00882	0.00042	0.13327	0.01046	**56.6**	**2.7**	1790.8	156.9
14MY19	0.00840	0.00049	0.05541	0.00797	**53.9**	**3.2**	87.9	331.7
14MY20	0.00795	0.00027	0.06594	0.00436	**51.0**	**1.7**	609.0	150.4
14MY21	0.00800	0.00040	0.05009	0.00810	**51.3**	**2.6**	0.1	332.0
14MY22	0.08883	0.00179	0.69341	0.02235	**548.6**	**10.6**	474.5	77.1
14MY23	0.09956	0.00189	0.78618	0.02307	**611.8**	**11.1**	500.2	69.6
14MY25	0.01291	0.00145	0.09144	0.04229	**82.7**	**9.2**	256.8	832.5
14MY26	0.09360	0.00174	0.73892	0.02044	**576.8**	**10.3**	499.7	66.0
14MY27	0.01540	0.00074	0.11272	0.01318	**98.5**	**4.7**	331.7	262.3
14MY28	0.19708	0.00313	2.06636	0.03606	**1159.6**	**16.8**	1095.2	37.8
14MY29	0.01262	0.00060	0.11141	0.01161	**80.9**	**3.8**	740.9	223.6
14MY30	0.01491	0.00079	0.10742	0.01306	**95.4**	**5.0**	294.8	275.7
14MY31	0.08316	0.00177	0.63124	0.02237	**515.0**	**10.5**	413.2	84.1
14MY32	0.00749	0.00046	0.06036	0.00998	**48.1**	**3.0**	545.2	344.0
14MY33	0.17676	0.00332	1.74750	0.04426	**1049.3**	**18.2**	976.5	56.2
14MY34	0.10175	0.00157	1.06194	0.01757	**624.7**	**9.2**	1086.1	35.7
14MY35	0.00783	0.00102	0.37468	0.05370	**50.3**	**6.5**	3692.5	266.8
14MY36	0.00821	0.00088	0.05165	0.01645	**52.7**	**5.7**	0.1	637.3
14MY37	0.02220	0.00075	0.14260	0.01069	**141.5**	**4.7**	27.0	183.7
14MY38	0.09721	0.00142	0.85062	0.01224	**598.0**	**8.3**	722.9	31.9
14MY39	0.09152	0.00151	0.76323	0.01590	**564.5**	**8.9**	619.9	48.2
14MY40	0.04576	0.00092	0.32883	0.01085	**288.5**	**5.7**	289.4	80.0
14MY41	0.00785	0.00018	0.04916	0.00234	**50.4**	**1.2**	0.1	84.3
14MY42	0.19227	0.00451	2.06125	0.07062	**1133.7**	**24.4**	1139.7	74.8
14MY43	0.00819	0.00058	0.05795	0.01203	**52.6**	**3.7**	254.8	438.0
14MY44	0.08739	0.00163	0.64782	0.01852	**540.1**	**9.7**	359.9	68.5
14MY45	0.00808	0.00048	0.10383	0.01183	**51.8**	**3.1**	1492.0	224.1
14MY46	0.07948	0.00208	0.61716	0.03162	**493.0**	**12.5**	462.9	119.5
14MY47	0.01427	0.00083	0.10549	0.01479	**91.3**	**5.3**	354.1	309.3
14MY48	0.01531	0.00126	0.10394	0.02776	**98.0**	**8.0**	157.6	548.6
14MY49	0.08790	0.00140	0.76136	0.01428	**543.1**	**8.3**	701.0	42.3
14MY50	0.00823	0.00033	0.05908	0.00572	**52.9**	**2.1**	286.1	221.3
14MY51	0.08285	0.00163	0.64940	0.01979	**513.1**	**9.7**	483.7	72.5
14MY52	0.01397	0.00051	0.09512	0.00816	**89.4**	**3.2**	164.4	202.0
14MY53	0.00875	0.00065	0.08036	0.01241	**56.2**	**4.2**	823.7	320.9
14MY54	0.15160	0.00238	1.52760	0.02667	**910.0**	**13.3**	1014.7	37.3
14MY55	0.01564	0.00050	0.11405	0.00845	**100.1**	**3.2**	322.0	170.5
14MY56	0.00807	0.00094	0.05037	0.01832	**51.8**	**6.0**	0.1	689.7
14MY57	0.10682	0.00168	0.92725	0.01694	**654.3**	**9.8**	705.0	40.8
14MY58	0.00791	0.00028	0.05347	0.00469	**50.8**	**1.8**	146.5	206.0
14MY59	0.01453	0.00106	0.09561	0.02727	**93.0**	**6.7**	82.1	581.2
14MY60	0.00793	0.00061	0.04997	0.01817	**50.9**	**3.9**	0.1	695.8

14MY61	0.09462	0.00183	0.77245	0.02244	**582.8**	**10.8**	572.5	67.3
14MY62	0.01561	0.00078	0.11553	0.01344	**99.9**	**5.0**	354.8	261.6
14MY63	0.00797	0.00051	0.02883	0.01331	**51.2**	**3.3**	0.1	0.0
14MY64	0.00920	0.00096	0.09196	0.02387	**59.0**	**6.2**	997.6	482.9
14MY65	0.01542	0.00127	0.12913	0.03275	**98.6**	**8.0**	627.6	488.8
14MY66	0.01519	0.00117	0.07907	0.03122	**97.2**	**7.5**	0.1	322.3
14MY67	0.32618	0.00611	6.03243	0.12796	**1819.9**	**29.7**	2150.2	40.7
14MY68	0.19815	0.00344	2.15522	0.04644	**1165.4**	**18.5**	1166.2	45.3
14MY69	0.10193	0.00188	0.85658	0.02266	**625.7**	**11.0**	634.0	60.3
14MY70	0.00969	0.00045	0.06593	0.00797	**62.1**	**2.9**	161.4	275.4
14MY71	0.00943	0.00052	0.06375	0.01001	**60.5**	**3.3**	145.6	347.9
14MY72	0.08937	0.00190	0.71856	0.02509	**551.8**	**11.3**	537.1	81.5
14MY73	0.54547	0.00861	17.93589	0.29682	**2806.3**	**35.9**	3107.0	27.0
14MY74	0.00963	0.00023	0.07020	0.00313	**61.8**	**1.5**	319.6	106.2
14MY75	0.00985	0.00068	0.07695	0.01422	**63.2**	**4.3**	472.8	384.9
MY05-15A								
MY15A2	0.09688	0.00180	0.77467	0.01413	**596.1**	**10.6**	531.8	44.6
MY15A3	0.16431	0.00270	1.66740	0.01878	**980.7**	**15.0**	1033.0	23.5
MY15A4	0.32185	0.00548	4.87722	0.05629	**1798.8**	**26.7**	1800.0	22.7
MY15A5	0.01461	0.00064	0.11553	0.00816	**93.5**	**4.1**	507.3	170.4
MY15A6	0.42909	0.00747	9.34812	0.10595	**2301.6**	**33.7**	2436.4	21.2
MY15A7	0.00246	0.00005	0.01558	0.00031	**15.8**	**0.3**	0.1	47.3
MY15A8	0.25551	0.00432	3.16435	0.03750	**1466.8**	**22.2**	1423.7	24.2
MY15A9	0.35372	0.00621	5.84561	0.07172	**1952.3**	**29.6**	1956.0	24.2
MY15A10	0.32526	0.00553	4.95784	0.05705	**1815.3**	**26.9**	1810.3	22.5
MY15A11	0.09110	0.00163	0.71542	0.01166	**562.0**	**9.6**	491.5	39.4
MY15A12	0.14467	0.00251	1.35976	0.01888	**871.0**	**14.2**	875.6	31.2
MY15A13	0.01299	0.00068	0.08938	0.00799	**83.2**	**4.3**	193.1	221.7
MY15A15	0.09234	0.00181	0.70332	0.01489	**569.3**	**10.7**	423.8	51.7
MY15A16	0.01384	0.00044	0.08978	0.00473	**88.6**	**2.8**	52.7	136.1
MY15A17	0.19607	0.00391	2.05464	0.03908	**1154.2**	**21.1**	1096.5	43.2
MY15A18	0.08601	0.00199	0.67462	0.01937	**531.9**	**11.8**	488.1	71.6
MY15A19	0.03680	0.00081	0.27696	0.00760	**233.0**	**5.1**	396.8	67.7
MY15A20	0.01579	0.00068	0.11254	0.00894	**101.0**	**4.3**	273.6	190.9
MY15A21	0.09873	0.00181	0.78782	0.01358	**606.9**	**10.6**	526.0	41.8
MY15A22	0.05362	0.00119	0.38648	0.01069	**336.7**	**7.3**	298.9	70.0
MY15A23	0.02426	0.00081	0.16203	0.00972	**154.5**	**5.1**	121.8	149.7
MY15A25	0.10543	0.00230	0.97283	0.02282	**646.1**	**13.4**	836.3	55.8
MY15A26	0.09398	0.00169	0.74628	0.01219	**579.1**	**10.0**	514.8	39.5
MY15A27	0.09423	0.00256	0.75250	0.02819	**580.5**	**15.1**	527.0	91.8
MY15A28	0.17289	0.00325	1.70278	0.02902	**1028.0**	**17.9**	970.5	38.7
MY15A29	0.55604	0.00984	14.95780	0.17704	**2850.3**	**40.8**	2786.1	21.1
MY15A30	0.20367	0.00363	2.13386	0.03086	**1195.0**	**19.4**	1095.3	31.6
MY15A31	0.09257	0.00157	0.74909	0.00990	**570.7**	**9.3**	555.8	30.4
MY15A32	0.01385	0.00036	0.09294	0.00358	**88.7**	**2.3**	132.1	99.1
MY15A33	0.01487	0.00068	0.10174	0.00823	**95.1**	**4.3**	178.1	199.8
MY15A35	0.10069	0.00523	0.85284	0.06352	**618.5**	**30.7**	654.2	178.7
MY15A36	0.09260	0.00208	0.73365	0.01990	**570.9**	**12.2**	508.8	66.9
MY15A37	0.01172	0.00023	0.08781	0.00187	**75.1**	**1.5**	384.6	52.8
MY15A38	0.05134	0.00126	0.44652	0.01340	**322.8**	**7.7**	710.4	72.6

MY15A39	0.15021	0.00311	1.33509	0.02933	**902.1**	**17.4**	756.5	51.9
MY15A40	0.09146	0.00162	0.73383	0.01118	**564.1**	**9.6**	536.0	36.5
MY15A41	0.14319	0.00300	1.44637	0.03077	**862.7**	**16.9**	1020.6	48.9
MY15A42	0.18354	0.00345	1.88250	0.03153	**1086.3**	**18.8**	1051.4	37.5
MY15A43	0.01394	0.00030	0.08846	0.00240	**89.3**	**1.9**	0.1	68.3
MY15A44	0.38040	0.00652	6.51791	0.08009	**2078.2**	**30.5**	2017.7	22.9
MY15A45	0.15517	0.00279	1.47089	0.02239	**929.9**	**15.6**	890.4	34.1
MY15A46	0.15182	0.00268	1.44837	0.02089	**911.2**	**15.0**	903.3	31.9
MY15A47	0.00198	0.00004	0.01287	0.00027	**12.8**	**0.3**	48.9	55.1
MY15A49	0.32176	0.00566	4.78770	0.06423	**1798.3**	**27.6**	1763.4	26.2
MY15A50	0.34085	0.00625	5.49892	0.07980	**1890.7**	**30.1**	1909.8	28.7
MY15A51	0.01446	0.00084	0.09966	0.01007	**92.5**	**5.4**	193.3	247.9
MY15A52	0.04098	0.00073	0.28441	0.00456	**258.9**	**4.5**	208.5	39.7
MY15A53	0.14348	0.00264	1.34253	0.02193	**864.3**	**14.9**	862.7	36.9
MY15A54	0.17847	0.00311	1.71886	0.02399	**1058.6**	**17.0**	922.3	30.3
MY15A55	0.10896	0.00217	0.91842	0.01877	**666.7**	**12.6**	642.0	48.8
MY15A56	0.09147	0.00160	0.70832	0.01029	**564.2**	**9.5**	456.4	33.8
MY15A58	0.17215	0.00333	1.72252	0.03113	**1024.0**	**18.3**	999.9	40.7
MY15A59	0.51202	0.00913	11.92046	0.16316	**2665.2**	**38.9**	2544.6	24.5
MY15A60	0.14583	0.00271	1.36840	0.02309	**877.6**	**15.3**	868.0	38.1
MY15A61	0.02082	0.00079	0.13927	0.01109	**132.9**	**5.0**	121.2	192.2
MY15A62	0.01289	0.00046	0.08434	0.00578	**82.6**	**2.9**	68.0	170.7
MY15A63	0.13760	0.00307	1.25889	0.03107	**831.1**	**17.4**	814.7	58.1
MY15A64	0.01585	0.00044	0.10477	0.00441	**101.4**	**2.8**	91.9	109.9
MY15A65	0.34274	0.00619	5.30865	0.07869	**1899.8**	**29.7**	1835.0	28.7
MY15A66	0.03390	0.00061	0.29028	0.00459	**214.9**	**3.8**	674.4	36.1
MY15A67	0.13180	0.00239	1.21779	0.01938	**798.1**	**13.6**	835.1	35.5
MY15A68	0.53419	0.00978	14.09120	0.20856	**2759.1**	**41.1**	2751.0	26.1
MY15A69	0.32071	0.00576	4.67099	0.06966	**1793.2**	**28.1**	1722.5	29.1
MY15A70	0.01553	0.00044	0.10540	0.00461	**99.3**	**2.8**	154.5	111.7
MY15A71	0.22376	0.00347	2.56378	0.04279	**1301.7**	**18.3**	1272.3	35.6
MY15A72	0.01507	0.00054	0.10062	0.00733	**96.4**	**3.4**	121.1	178.3
MY15A73	0.09636	0.00270	0.81203	0.03767	**593.1**	**15.9**	644.1	107.7
MY15A74	0.24687	0.00458	3.19440	0.07020	**1422.3**	**23.7**	1505.8	46.2
MY15A75	0.08459	0.00160	0.68712	0.01827	**523.5**	**9.5**	564.7	63.3
MY15A76	0.01519	0.00052	0.10860	0.00727	**97.2**	**3.3**	279.5	160.5
MY15A79	0.01600	0.00085	0.11352	0.01400	**102.3**	**5.4**	262.5	280.4
MY15A80	0.01102	0.00037	0.07414	0.00509	**70.7**	**2.3**	138.3	167.4
MY15A82	0.01447	0.00036	0.15982	0.00584	**92.6**	**2.3**	1200.5	80.9
MY15A83	0.12128	0.00201	1.07497	0.02287	**738.0**	**11.6**	751.1	48.5
MY15A85	0.02292	0.00038	0.18617	0.00406	**146.1**	**2.4**	564.1	51.1
MY05-16A								
MY16-1	0.09113	0.80000	0.72482	7.00000	**562.2**	**9.1**	539.6	28.2
MY16-2	0.01491	0.90000	0.11642	2.70000	**97.5**	**1.3**	530.9	58.9
MY16-3	0.13208	0.80000	1.20466	1.30000	**799.7**	**13**	840.9	25.5
MY16-4	0.03921	0.80000	0.27856	1.70000	**247.9**	**4.2**	289.8	37.7
MY16-5	0.19584	0.80000	2.22074	1.60000	**1152.9**	**19.8**	1256.2	25.2
MY16-6	0.01779	0.90000	0.12065	2.40000	**113.7**	**2.2**	183.8	56.2
MY16-7	0.4046	0.80000	7.54704	1.60000	**2190.2**	**40.6**	2138.3	20.3
MY16-8	0.16249	0.80000	1.5987	1.80000	**970.6**	**16.9**	974.6	28.5

MY16-9	0.08954	0.80000	0.71811	1.40000	**552.8**	**9.2**	556	29.4
MY16-10	0.15686	0.80000	1.47614	1.30000	**939.3**	**15.9**	900.8	25.4
MY16-11	0.18439	0.80000	1.88336	1.20000	**1090.9**	**18.7**	1056.9	23.8
MY16-12	0.11297	0.80000	1.00716	1.40000	**690**	**11.6**	752.2	27.3
MY16-13	0.01557	1.10000	0.12397	3.70000	**96.3**	**1.4**	554.9	78.8
MY16-14	0.01417	0.80000	0.09582	2.00000	**90.7**	**1.7**	142.1	48.5
MY16-15	0.15833	0.80000	1.59465	1.20000	**947.5**	**16.2**	978.6	24.4
MY16-16	0.02289	1.00000	0.17246	2.90000	**145.9**	**2.9**	461.5	60.7
MY16-17	0.01593	0.90000	0.11208	2.70000	**101.9**	**2.1**	302.9	60.9
MY16-18	0.10927	0.80000	0.92346	1.40000	**668.5**	**11.5**	637.1	28.3
MY16-19	0.2443	0.80000	4.06154	1.30000	**1395.1**	**10.6**	1983.8	21.5
MY16-20	0.09789	0.80000	0.7941	1.30000	**602**	**10.3**	592	28.3
MY16-21	0.01623	0.90000	0.11839	2.50000	**103.8**	**2.1**	361.8	55.8
MY16-22	0.30984	0.80000	4.52939	1.40000	**1739.9**	**32.7**	1739.5	22.9
MY16-23	0.17637	1.00000	1.75938	3.80000	**1047.1**	**22.8**	1021.2	49.2
MY16-24	0.19548	0.80000	2.22619	1.40000	**1151**	**20.7**	1235.2	25.0
MY16-25	0.21901	0.80000	2.36486	1.50000	**1276.6**	**23.4**	1211.5	26.4
MY16-26	0.21369	0.80000	2.35108	1.50000	**1248.4**	**22.9**	1241.5	26.1
MY16-27	0.0822	0.90000	0.66128	2.40000	**509.2**	**9.6**	551.1	43.2
MY16-28	0.12481	0.90000	1.13089	1.80000	**758.2**	**13.8**	812.7	32.5
MY16-29	0.52889	0.80000	13.3716	1.90000	**2736.8**	**57.6**	2702	21.9
MY16-30	0.18976	0.90000	2.26709	2.90000	**1120.1**	**22.7**	1303.6	36.3
MY16-31	0.14134	0.90000	1.29947	1.90000	**852.2**	**15.9**	823.1	32.6
MY16-32	0.08157	0.90000	1.13292	2.20000	**501.1**	**5.6**	1695.5	32.8
MY16-33	0.18298	0.90000	1.84937	1.70000	**1083.2**	**20.4**	1051	30.1
MY16-34	0.16771	0.90000	1.71839	2.40000	**999.5**	**19.7**	1073.1	35.5
MY16-35	0.26989	0.90000	3.53993	2.10000	**1540.2**	**30.8**	1580.5	28.9
MY16-36	0.01384	1.20000	0.09507	4.50000	**88.6**	**2.2**	224	100.5
MY16-37	0.15969	0.90000	1.57185	1.70000	**955.1**	**17.9**	954.5	30.6
MY16-38	0.12027	0.90000	1.06706	1.80000	**732.1**	**13.7**	797.2	32.9
MY16-39	0.08655	0.90000	0.68097	2.10000	**535.1**	**10.1**	549.7	39.6
MY16-40	0.10297	0.90000	0.84962	2.00000	**631.8**	**11.9**	652.6	36.4
MY16-41	0.01564	1.00000	0.10847	2.50000	**100**	**2.1**	202.4	54.6
MY16-42	0.17588	0.90000	1.71314	2.40000	**1044.4**	**21**	1018.4	37.4
MY16-43	0.1881	0.90000	3.09068	2.00000	**1128.6**	**9.9**	1986.4	29.3
MY16-44	0.1835	0.90000	1.84944	2.00000	**1086.1**	**21.3**	1074.1	33.7
MY16-45	0.29955	0.90000	4.25878	2.10000	**1689.1**	**35.1**	1730	31.0
MY16-46	0.10924	0.90000	1.00905	2.20000	**668.3**	**13**	924.2	38.2
MY16-47	0.01388	1.20000	0.09512	4.90000	**88.9**	**2.3**	219.9	109.9
MY16-48	0.2024	0.90000	2.2343	2.30000	**1188.2**	**24.2**	1198.5	36.2
MY16-49	0.38545	0.90000	8.60656	2.00000	**2101.7**	**45.2**	2446.7	29.3
MY16-50	0.01197	1.20000	0.11191	3.50000	**77**	**1.2**	910.4	68.0
MY16-51	0.33192	0.90000	6.99773	2.20000	**1841.3**	**16**	2363.4	31.2
MY16-52	0.31701	0.90000	4.61236	2.40000	**1775.1**	**38.4**	1772.5	34.7
MY16-53	0.14752	1.10000	1.46106	3.60000	**887**	**20**	987.1	52.8
MY16-54	0.19653	0.90000	2.15509	2.30000	**1156.7**	**23.9**	1174.4	38.5
MY16-55	0.1833	1.00000	1.84176	2.80000	**1085**	**23.1**	1074.1	42.7
MY16-56	0.01475	1.20000	0.09647	3.90000	**94.4**	**2.3**	167.8	85.1
MY16-57	0.20246	1.00000	2.14858	2.70000	**1188.5**	**25.4**	1184.9	41.8
MY16-58	0.01598	1.30000	0.11102	5.40000	**102.2**	**2.8**	234	118.5
MY16-59	0.13188	1.00000	1.22646	2.70000	**798.6**	**16.6**	916.3	44.9

MY16-60	0.01512	1.00000	0.10728	2.90000	**96.7**	**2.1**	261.9	59.3
MY16-61	0.01609	1.10000	0.10621	3.90000	**102.9**	**2.5**	148.3	84.2
MY16-62	0.00637	1.30000	0.03782	4.40000	**40.9**	**1.3**	-114.1	103.2
MY16-63	0.01334	1.20000	0.08968	4.30000	**85.4**	**2.2**	228.1	91.6
MY16-64	0.08734	1.00000	0.71033	2.80000	**539.8**	**11.2**	554.5	50.2
MY16-65	0.20484	1.00000	2.18487	3.10000	**1201.3**	**27**	1194.5	47.9
MY16-66	0.01517	1.10000	0.15636	3.40000	**90.5**	**1.4**	1119.6	59.4
MY16-67	0.15596	1.00000	1.71319	3.00000	**934.3**	**20.5**	1266.2	47.1
MY16-68	0.24464	1.00000	2.83617	3.00000	**1410.8**	**32**	1387.1	46.6
MY16-69	0.03912	1.40000	0.47797	5.10000	**251.9**	**3.8**	1521.5	80.9
MY16-70	0.15848	1.00000	1.48159	3.20000	**948.3**	**21.1**	913.6	52.7
MY16-71	0.13496	1.00000	1.15545	3.10000	**816.1**	**18**	771.4	54.5
MY16-72	0.19537	1.10000	1.97818	3.40000	**1150.4**	**26.8**	1137.9	53.5
MY16-73	0.32137	1.00000	4.62902	3.20000	**1796.4**	**43.2**	1756.6	47.8
MY16-74	0.01702	1.30000	0.12464	4.80000	**108.8**	**2.9**	362.7	98.9
MY16-75	0.01463	1.20000	0.09792	3.80000	**93.6**	**2.3**	194.5	77.7
MY16-76	0.20656	1.10000	2.22427	3.40000	**1210.5**	**28.3**	1200.4	54.4
MY16-77	0.01593	1.30000	0.12025	4.30000	**101**	**1.6**	428.4	86.1
MY16-78	0.1465	1.10000	1.58951	3.40000	**881.3**	**20.2**	1175.1	55.8
MY16-79	0.27608	1.10000	3.93895	3.40000	**1571.6**	**38.1**	1678.5	52.4
MY16-80	0.10223	1.10000	0.85704	3.80000	**627.5**	**14.6**	687.8	65.3
MY05-22A								
MY22-1	0.04627	1.50000	0.37739	2.50000	**291.6**	**9.1**	547.0	28.0
MY22-2	0.27264	0.10000	3.85013	0.10000	**1554.2**	**2.0**	1661.7	28.3
MY22-3	0.01299	7.80000	0.07943	19.40000	**83.2**	**13.0**	-114.6	46.0
MY22-4	0.08083	0.40000	0.67130	0.70000	**501.1**	**4.2**	560.4	31.9
MY22-5	0.18155	0.80000	1.93661	1.90000	**1075.4**	**19.8**	1107.7	27.7
MY22-6	0.00775	2.10000	0.05748	5.10000	**49.8**	**2.2**	398.8	49.2
MY22-8	0.21750	0.60000	2.94145	1.00000	**1268.7**	**16.9**	1570.9	19.3
MY22-9	0.00829	8.60000	0.17616	5.80000	**53.2**	**9.2**	2357.7	9.0
MY22-10	0.04301	2.90000	0.30707	6.40000	**271.5**	**15.9**	256.1	38.1
MY22-11	0.08652	1.70000	0.70133	3.30000	**534.9**	**18.7**	553.4	32.8
MY22-12	0.08985	1.00000	0.72501	1.90000	**554.6**	**11.6**	560.1	30.8
MY22-13	0.01464	1.20000	0.08302	5.50000	**93.7**	**2.3**	-253.7	129.2
MY22-14	0.01291	0.90000	0.08626	2.30000	**82.7**	**1.7**	97.8	49.8
MY22-15	0.23483	0.50000	2.84207	0.70000	**1359.8**	**16.2**	1385.8	18.8
MY22-16	0.00911	2.40000	0.05334	9.20000	**58.5**	**2.9**	-239.8	93.1
MY22-17	0.08435	0.20000	0.70283	0.40000	**522.0**	**2.1**	571.5	51.5
MY22-18	0.15360	0.60000	1.51389	0.90000	**921.1**	**11.5**	931.3	23.4
MY22-19	0.00678	29.10000	0.04169	127.00000	**43.6**	**25.4**	-96.8	81.6
MY22-20	0.02815	2.80000	0.22386	4.80000	**179.0**	**10.3**	220.4	35.7
MY22-21	0.01439	1.00000	0.10043	3.00000	**92.1**	**2.1**	180.5	62.4
MY22-22	0.01367	18.60000	0.08059	80.90000	**87.5**	**32.7**	-205.1	78.8
MY22-23	0.19713	0.90000	2.13691	3.10000	**1159.9**	**22.8**	1165.1	44.8
MY22-24	0.01407	11.40000	0.09750	31.10000	**90.1**	**20.7**	177.7	48.9
MY22-25	0.19673	0.90000	2.19870	1.70000	**1157.7**	**23.4**	1190.6	26.7
MY22-26	0.14810	1.20000	2.46577	1.40000	**890.3**	**22.9**	1928.6	16.5
MY22-27	0.01405	5.30000	0.09098	17.10000	**89.9**	**9.6**	25.2	59.8
MY22-28	0.15058	0.70000	1.45187	1.40000	**904.2**	**13.8**	945.3	29.9
MY22-29	0.11481	3.90000	1.08186	23.30000	**700.6**	**57.6**	857.2	75.5

MY22-30	0.08917	2.00000	0.73172	8.80000	**550.6**	**22.7**	593.4	57.3
MY22-31	0.20114	0.60000	2.18142	1.10000	**1181.4**	**15.9**	1200.7	25.6
MY22-32	0.01406	5.30000	0.09260	26.90000	**90.0**	**9.7**	152.6	88.3
MY22-33	0.00817	19.30000	0.07278	44.40000	**52.5**	**20.4**	730.4	37.0
MY22-34	0.01087	14.10000	0.09073	45.10000	**69.7**	**19.7**	620.1	47.5
MY22-35	0.18916	1.30000	2.12828	3.50000	**1116.8**	**30.8**	1205.8	37.0
MY22-36	0.08205	0.20000	0.63761	0.70000	**508.3**	**2.2**	434.4	88.2
MY22-37	0.01070	13.00000	0.09378	28.10000	**68.6**	**17.9**	728.7	35.3
MY22-38	0.04474	2.40000	0.34086	5.50000	**282.1**	**13.7**	477.2	40.2
MY22-39	0.31645	0.20000	4.76290	0.30000	**1772.4**	**10.1**	1762.2	18.0
MY22-40	0.01494	6.20000	0.10146	16.40000	**95.6**	**11.9**	166.4	49.2
MY22-41	0.10436	0.10000	0.86266	0.30000	**639.9**	**2.1**	603.2	42.6
MY22-42	0.19812	0.80000	2.28596	1.80000	**1165.2**	**21.0**	1260.0	31.9
MY22-43	0.09544	1.80000	0.82362	7.50000	**587.6**	**21.9**	682.0	69.0
MY22-44	0.11285	1.50000	1.03442	3.50000	**689.3**	**21.3**	773.7	40.8
MY22-45	0.00665	41.10000	0.04489	201.00000	**42.7**	**35.1**	121.3	87.1
MY22-46	0.15924	0.60000	1.58347	1.40000	**952.6**	**13.0**	1042.8	35.4
MY22-47	0.20684	0.10000	2.31299	0.20000	**1212.0**	**2.3**	1249.8	57.2
MY22-48	0.21087	0.90000	2.33112	2.20000	**1233.5**	**24.2**	1230.2	35.5
MY22-49	0.15745	2.20000	1.50819	11.60000	**942.6**	**45.2**	934.5	80.4
MY22-50	0.56589	0.00000	16.64577	0.00000	**2890.9**	**2.0**	2905.4	17.7
MY22-51	0.15087	2.00000	1.45543	10.40000	**905.8**	**39.6**	946.1	80.3
MY22-52	0.01099	27.20000	0.07328	150.00000	**70.5**	**38.4**	138.7	99.1
MY22-53	0.16927	0.90000	1.67770	3.10000	**1008.1**	**20.0**	994.7	52.6
MY22-54	0.02039	9.10000	0.17773	28.40000	**130.1**	**23.9**	746.9	50.7
MY22-55	0.01197	15.00000	0.08673	58.40000	**76.7**	**23.1**	347.9	67.7
MY22-56	0.01414	1.20000	0.09735	3.90000	**90.5**	**2.3**	178.6	84.5
MY22-57	0.42830	0.50000	8.92910	0.60000	**2298.0**	**25.4**	2374.6	18.8
MY22-58	0.01290	1.60000	0.12173	4.90000	**82.6**	**2.8**	888.2	78.6
MY22-59	0.00993	13.00000	0.06214	52.90000	**63.7**	**16.6**	-25.6	80.8
MY22-60	0.19986	0.10000	2.14733	0.10000	**1174.6**	**2.1**	1171.6	33.3
MY22-61	0.01343	1.30000	0.09205	4.50000	**86.0**	**2.5**	278.4	77.7
MY22-62	0.17559	0.00000	1.97132	0.10000	**1042.8**	**1.3**	1237.1	44.2
MY22-63	0.10452	0.20000	2.33568	0.20000	**640.8**	**2.2**	2530.0	20.2
MY22-64	0.17802	0.50000	1.77975	1.10000	**1056.1**	**11.2**	1000.8	37.8
MY22-65	0.01926	10.90000	0.13357	51.20000	**123.0**	**27.0**	203.3	89.7
MY22-66	0.02998	0.60000	1.96892	0.30000	**190.4**	**2.3**	4171.7	7.1
MY22-67	0.15447	1.00000	1.54394	3.30000	**926.0**	**20.5**	998.3	56.1
MY22-68	0.01366	18.20000	0.08403	101.00000	**87.5**	**32.0**	13.8	111.1
MY22-69	0.01119	5.00000	0.09285	26.10000	**71.7**	**7.3**	663.4	141.0
MY22-70	0.01016	16.10000	0.06764	69.60000	**65.2**	**21.1**	192.7	82.9
MY22-71	0.01021	13.70000	0.06631	54.90000	**65.5**	**18.0**	108.6	82.3
MY22-72	0.01394	14.90000	0.09723	69.80000	**89.2**	**26.8**	240.8	94.5
MY22-73	0.44075	0.80000	10.28813	1.50000	**2354.0**	**43.2**	2579.1	27.3
MY22-74	0.01483	1.50000	0.10350	5.80000	**94.9**	**2.9**	231.3	107.3
MY22-75	0.57762	0.00000	22.23074	0.00000	**2939.0**	**2.3**	3359.5	9.4
MY22-76	0.14081	1.60000	1.68676	4.50000	**849.2**	**28.3**	1402.0	47.6
MY22-77	0.00762	2.60000	0.04982	10.50000	**48.9**	**2.7**	53.8	108.4
MY22-78	0.10041	1.60000	0.81937	6.70000	**616.8**	**20.2**	584.0	81.4
MY22-79	0.01596	18.50000	0.11230	120.00000	**102.1**	**38.1**	292.9	127.8
MY22-80	0.42619	0.30000	9.27362	0.30000	**2288.5**	**14.6**	2454.6	20.2

Sample	206/238	error %	207/235	error %	206/238 age(Ma)	err (Ma)	207/206 age (Ma)	err (Ma)
MY05-8A 1	0.4188	2.0	8.3726	2.0	2255	45	2288	34
MY05-8A 2	0.4437	2.0	9.7887	2.0	2367	47	2456	34
MY05-8A 3	0.3180	2.0	4.8050	2.0	1780	36	1793	36
MY05-8A 4	0.3235	2.0	4.8620	2.0	1807	36	1783	36
MY05-8A 5	0.0103	5.5	0.0724	20.0	66	4	241	922
MY05-8A 6	0.1044	2.0	0.9066	7.8	640	13	708	43
MY05-8A 7	0.0142	3.0	0.0919	14.0	91	3	49	669
MY05-8A 8	0.0721	2.0	0.5072	9.0	449	9	241	46
MY05-8A 9	0.2050	2.0	2.2608	5.0	1202	24	1197	39
MY05-8A 10	0.1554	2.0	1.4788	2.0	931	19	899	41
MY05-8A 11	0.0353	2.0	0.2485	3.0	224	4	241	46
MY05-8A 12	0.0377	2.0	0.2545	4.7	238	5	148	47
MY05-8A 13	0.0940	2.0	0.7643	2.0	579	12	567	44
MY05-8A 14	0.0835	2.0	0.6445	2.0	517	10	452	44
MY05-8A 15	0.1873	2.0	2.0140	2.0	1107	22	1147	40
MY05-8A 16	0.0094	2.7	0.0559	20.0	60	2	-168	996
MY05-8A 17	0.0862	2.0	0.6891	2.0	533	11	530	44
MY05-8A 18	0.4531	2.0	10.0590	2.0	2409	48	2466	34
MY05-8A 19	0.1345	2.0	1.2907	2.0	813	16	917	41
MY05-8A 20	0.4725	2.0	10.3909	2.0	2494	50	2450	34
MY05-8A 21	0.0873	2.0	0.7158	25.0	539	11	585	43
MY05-8A 22	0.1481	2.0	1.2458	18.0	890	18	639	43
MY05-8A 23	0.2422	2.0	3.1056	2.0	1398	28	1488	38
MY05-8A 24	0.1394	2.0	1.2490	2.0	841	17	774	42
MY05-8A 25	0.0802	2.0	0.5863	4.0	497	10	329	45
MY05-8A 26	0.1158	2.0	0.9260	10.0	706	14	530	44
MY05-8A 27	0.3238	2.0	4.8711	2.0	1808	36	1784	36
MY05-8A 28	0.6743	2.0	28.6468	2.0	3323	66	3511	31
MY05-8A 29	0.0151	2.0	0.0897	31.0	97	2	-168	50
MY05-8A 30	0.0082	2.0	0.0453	28.0	53	1	-351	52

Supplementary Information 5: U-Pb data from NIGL Laboratory, Nottingham. MY05 8A

Supplementary Information 6 Ar-Ar detrital white mica data

Sample	40Ar	1σ	39Ar	1σ	38Ar	1σ	37Ar	1σ	36Ar	1σ	40Ar (ATM)%	40Ar*/39Ark	σF	Age (Ma)	1σ
MY05-2A															
4283	0.10112	0.00195	0.02875	0.00002	0.00041	0.00001	0.00054	0.00001	0.000090	0.00001	26.5	2.579	0.005	14.7	0.2
4294	0.06121	0.00194	0.01789	0.00002	0.00020	0.00001	0.00030	0.00001	0.000040	0.00001	19.3	2.755	0.012	15.7	0.2
4286	0.11188	0.00195	0.03074	0.00003	0.00041	0.00001	0.00005	0.00001	0.000078	0.00001	20.8	2.875	0.004	16.4	0.2
4285	0.10037	0.00194	0.02296	0.00003	0.00032	0.00001	0.00001	0.00001	0.000101	0.00001	30.0	3.049	0.007	17.4	0.2
4296	0.08251	0.00194	0.01911	0.00002	0.00024	0.00001	0.00035	0.00001	0.000055	0.00001	19.9	3.448	0.010	19.7	0.2
4300	0.14994	0.00194	0.02850	0.00003	0.00037	0.00001	0.00001	0.00001	0.000064	0.00001	12.7	4.579	0.005	26.1	0.3
4311	0.05940	0.00193	0.00893	0.00002	0.00016	0.00001	0.00092	0.00001	0.000038	0.00001	19.2	5.368	0.047	30.6	0.5
4308	0.38150	0.00193	0.04175	0.00002	0.00052	0.00001	0.00100	0.00001	0.000074	0.00001	5.8	8.586	0.002	48.6	0.5
MY05-10B															
4355	0.08398	0.00191	0.01218	0.00001	0.00016	0.00001	0.00109	0.00001	0.000095	0.00001	33.8	4.558	0.025	26.0	0.3
4327	0.07126	0.00192	0.00930	0.00001	0.00010	0.00001	0.00096	0.00001	0.000075	0.00001	31.4	5.252	0.043	29.9	0.5
4339	0.10242	0.00192	0.01112	0.00001	0.00012	0.00001	0.00025	0.00001	0.000060	0.00001	17.3	7.594	0.030	43.1	0.5
4319	0.05783	0.00193	0.00406	0.00001	0.00007	0.00001	0.00037	0.00001	0.000044	0.00001	22.8	10.988	0.227	62.0	1.7
4337	0.08047	0.00192	0.00630	0.00001	0.00005	0.00001	0.00035	0.00001	0.000002	0.00001	0.9	12.640	0.094	71.1	1.0
4354	0.21021	0.00191	0.00435	0.00001	0.00005	0.00001	0.00084	0.00001	0.000091	0.00001	12.9	42.004	0.211	226.3	2.7
4333	0.75542	0.00193	0.00683	0.00001	0.00004	0.00001	0.00003	0.00001	0.000010	0.00001	0.4	109.924	0.141	541.1	5.3

MY05-23A Irrawaddy

4280	0.07988	0.00195	0.03072	0.00003	0.00041	0.00001	0.00111	0.00001	0.00008	0.00001	30.7	1.800	0.004	10.3	0.1
4279	0.11810	0.00195	0.03661	0.00003	0.00045	0.00001	0.00091	0.00001	0.00005	0.00001	13.7	2.778	0.003	15.9	0.2
4231	0.07369	0.00197	0.01631	0.00002	0.00021	0.00001	0.00031	0.00001	0.00005	0.00001	18.7	3.663	0.015	20.9	0.3
4249	0.07531	0.00196	0.01791	0.00003	0.00024	0.00001	0.00029	0.00001	0.00003	0.00001	11.6	3.707	0.012	21.2	0.3
4265	0.08919	0.00195	0.01819	0.00002	0.00022	0.00001	0.00031	0.00001	0.00007	0.00001	23.5	3.739	0.012	21.3	0.3
4225	0.11644	0.00198	0.02572	0.00003	0.00033	0.00001	0.00046	0.00001	0.00007	0.00001	17.2	3.740	0.006	21.3	0.2
4213	0.07806	0.00198	0.01777	0.00003	0.00022	0.00001	0.00015	0.00001	0.00004	0.00001	14.2	3.757	0.013	21.4	0.3
4217	0.14102	0.00198	0.02342	0.00003	0.00030	0.00001	0.00043	0.00001	0.00010	0.00001	20.7	4.761	0.007	27.1	0.3
4211	0.27964	0.00199	0.05055	0.00005	0.00058	0.00001	0.00113	0.00001	0.00007	0.00001	7.4	5.110	0.002	29.1	0.3
4251	0.10753	0.00196	0.01931	0.00003	0.00024	0.00001	0.00053	0.00001	0.00002	0.00001	5.1	5.272	0.010	30.0	0.3
4229	0.14321	0.00198	0.02504	0.00003	0.00033	0.00001	0.00135	0.00001	0.00002	0.00001	3.5	5.510	0.006	31.4	0.4
4219	0.24809	0.00198	0.03395	0.00003	0.00043	0.00001	0.00018	0.00001	0.00013	0.00001	15.1	6.189	0.004	35.2	0.4
4227	0.17011	0.00198	0.02285	0.00003	0.00025	0.00001	0.00040	0.00001	0.00004	0.00001	6.9	6.911	0.008	39.2	0.4
4209	0.24781	0.00200	0.03193	0.00004	0.00039	0.00001	0.00013	0.00001	0.00000	0.00001	0.0	7.754	0.004	44.0	0.5
4257	0.38012	0.00196	0.03370	0.00002	0.00045	0.00001	0.00008	0.00001	0.00028	0.00001	22.1	8.769	0.004	49.6	0.6
4277	0.39282	0.00195	0.03986	0.00002	0.00047	0.00001	0.00058	0.00001	0.00012	0.00001	9.5	8.901	0.003	50.4	0.6
4223	0.41313	0.00198	0.04373	0.00002	0.00050	0.00001	0.00074	0.00001	0.00005	0.00001	3.3	9.112	0.002	51.6	0.6
4259	0.32643	0.00197	0.02348	0.00003	0.00032	0.00001	0.00031	0.00001	0.00010	0.00001	9.6	12.541	0.008	70.6	0.8
4247	0.57900	0.00197	0.02704	0.00002	0.00037	0.00001	0.00058	0.00001	0.00007	0.00001	3.4	20.631	0.006	114.7	1.3
3000	10.52935	0.05885	0.10377	0.00005	0.00108	0.00004	0.00010	0.00002	0.00086	0.00021	2.4	98.775	0.346	493.1	5.2

Blank, decay and Cl-corrected peaks are expressed in volts

Supplementary Information 7 Whole rock Sm-Nd data

Sample	Location	GPS/ formation	Lithology	Sm	Nd	Sm/Nd	147Sm/144Nd	143Nd/144Nd	1s ppm	epsilon Nd
Myanmar - Bedrock and Rivers draining Neogene rocks										
MY05 2A	Sittwe Point	N20 06.834, E092 53.839	Sandstone	4.70	22.6356	0.2074	0.1254	0.512090	21	**-10.7**
MY05 5A	Koum Chaung	N20 44.347, E093 16.456	Siltstone	4.52	23.2518	0.1944	0.1175	0.512015	10	**-12.2**
Myanmar - Rivers draining Palaeogene rocks										
MY05 8A	Lemyu River	N20 49.212, E093 18.576	MR Sand	4.02	20.0489	0.2010	0.1215	0.512300	18	**-7.4**
MY05 15A	Kyeintuli River	N17 057.139, E094 33.087	MR Sand	3.33	16.4129	0.2035	0.1250	0.512434	14	**-4.0**
MY05 17B	Thanlwe River	N18 59.097, E094 15.244	MR Mud	3.48	17.6156	0.1977	0.1195	0.512427	18	**-4.1**
MY05 22B	Thandwe river	N18 27.466, E094 23.563	MR Mud	3.60	18.0331	0.1997	0.1207	0.512424	14	**-4.2**
MY05 23B	Irrawaddy River	N18 48.391,E094 12.218	MR Mud	3.67	17.9317	0.2052	0.1240	0.512210	18	**-8.3**

* MR = Modern river sample