

Table 1. All samples discussed in this study

Sample	Formation	Age	ID	Lithologica	Latitude	Longitude	Light Mine	HM
1C	Bayah	L. Eocene	JBC2WAL11	Medium-gr	-6.90611	106.8291	-	Y
2C	Bayah	L. Eocene	JBC2WAL11	Medium to	-6.90327	106.7971	Y	Y
3C	Bayah	L. Eocene	JBC2WAL11	Medium-gr	-6.91444	106.7906	Y	-
4B	Bayah	L. Eocene	JBC2BAY18	Fine to me	-6.95453	106.2401	Y	Y
5B	Bayah	L. Eocene	JBC2BAY20	Medium-gr	-6.85105	106.1009	-	Y
6B	Bayah	L. Eocene	JBC3BAY18	Medium to	-6.87753	106.185	Y	Y
7B	Bayah	L. Eocene	JBC3BAY18	Medium-gr	-6.79568	106.2122	Y	-
8A	Ciomas	M. Eocene	JBC2CIE25	medium to	-7.18657	106.4043	Y	Y
9A	Ciomas	M. Eocene	JBC2CIE26	Medium-gr	-7.24166	106.3873	Y	Y
9A	Ciomas	M. Eocene	JBC2CIE26	Medium gr	-7.24166	106.3873	Y	Y
11A	Ciomas	M. Eocene	JBC2CIE27	Quartz-rich	-7.24894	106.3805	Y	-
12A	Ciomas	M. Eocene	JBC3CIE13	Well bedde	-7.23513	106.3865	-	Y
13B	Cijengkol	E. Oligocen	JBC2CIJ191	Medium-gr	-6.86703	106.113	Y	Y
14B	Cijengkol	E. Oligocen	JBC2CIJ203	Quartz-rich	-6.85105	106.1009	Y	-
15B	Cijengkol	E. Oligocen	JBC2CIJ210	Fine-graine	-6.87337	106.2143	Y	-
16B	Cijengkol	E. Oligocen	JBC2CIJ212	Massive qu	-6.87458	106.2145	Y	-
17B	Cijengkol	E. Oligocen	JBC2CIJ216	Quartz-rich	-6.87646	106.2147	Y	Y
19D	Cikalong	E. Oligocen	JBC2CIK09	Fine quartz	-6.84555	107.4225	Y	Y
20D	Cikalong	E. Oligocen	JBC2CIK09	Fine quartz	-6.84581	107.4226	Y	-
21D	Cikalong	E. Oligocen	JBC2CIK10	Coarse qua	-6.84465	107.4219	Y	-
22D	Cikalong	E. Oligocen	JBC2CIK11	Poorly sort	-6.86004	107.3726	-	Y
23C	Cikalong	E. Oligocen	JBC2CIK17	Medium-gr	-7.02209	106.6757	Y	Y
24C	Cikalong	E. Oligocen	JBC2CIK18	Fine-graine	-7.02564	106.6844	Y	-
25C	Cikalong	E. Oligocen	JBC2CIK18	Fine-graine	-7.02806	106.691	Y	-
26D	Cikalong	E. Oligocen	JBC3CIK2	Medium-gr	-6.84452	107.422	-	Y
27A	Ciletuh	M. Eocene	JBC2CIL26	Fine-graine	-7.24168	106.3838	Y	-
28A	Ciletuh	M. Eocene	JBC2CIL27	Fine-graine	-7.24284	106.3884	Y	-
29A	Ciletuh	M. Eocene	JBC3CIL13	Fine-graine	-7.23041	106.3888	Y	-
30A	Ciletuh	M. Eocene	JBC3CIL14	Medium-gr	-7.1852	106.4353	-	-
31A	Ciletuh	M. Eocene	JBC3CIL14	Fine-graine	-7.18153	106.4468	Y	-

Zircon U-Pb

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