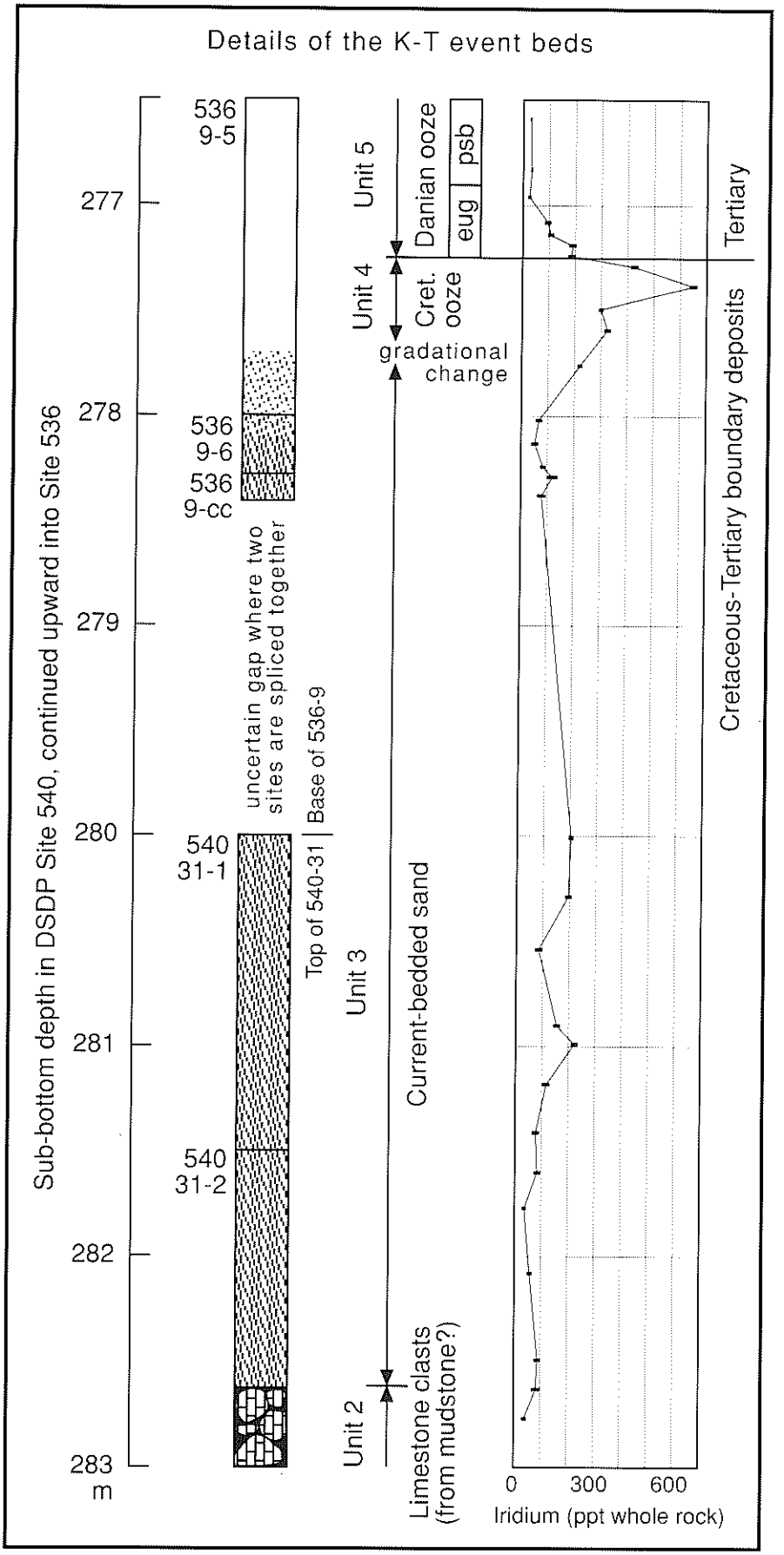
Details of the K-T event beds
Sub-bottom depth in DSDP Site 540, continued upward into Site 536
277
278
279
280
281
282
283
m
536
9-5
536
9-6
536
9-cc
uncertain gap where two sites are spliced together
Base of 536-9
540
31-1
Top of 540-31
540
31-2
Unit 5
Danian ooze
eug
psb
Unit 4
Cret. ooze
gradational change
Unit 3
Current-bedded sand
Unit 2
Limestone clasts (from mudstone?)
Tertiary
Cretaceous-Tertiary boundary deposits
0
300
600
Iridium (ppt whole rock)

TABLE 2. IRIDIUM ANALYSES FROM DSDP 536 AND 540

Site - core - section	Interval (cm)	Top (m)*	Ir† (ng/g)	Unit
536 - 9 - 5 ,	9 - 10	76.59	29 ± 4	5
536 - 9 - 5 ,	33 - 34	76.83	33 ± 5	5
536 - 9 - 5 ,	46 - 47	76.96	25 ± 7	5
536 - 9 - 5 ,	58 - 59	77.08	95 ± 13	5
536 - 9 - 5 ,	64 - 65	77.14	107 ± 13	5
536 - 9 - 5 ,	69 - 70	77.19	190 ± 14	5
536 - 9 - 5 ,	74 - 75	77.24	187 ± 14	4 or 5
536 - 9 - 5 ,	79 - 80	77.29	427 ± 15	4
536 - 9 - 5 ,	88 - 89	77.38	650 ± 15	4
536 - 9 - 5 ,	99 - 100	77.49	300 ± 10	4
536 - 9 - 5 ,	109 - 110	77.59	325 ± 13	4
536 - 9 - 5 ,	126 - 127	77.76	240 ± 11	3
536 - 9 - 6 ,	1 - 4	78.01	67 ± 13	3
536 - 9 - 6 ,	12 - 14	78.12	52 ± 14	3
536 - 9 - 6 ,	23 - 25	78.23	73 ± 14	3
536 - 9 - cc ,	1 - 2	78.40	102 ± 10	3
536 - 9 - cc ,	10 - 11	78.49	108 ± 14	3
540 - 30 - 1 ,	78 - 82	271.28	36 ± 10	§
540 - 30 - 1 ,	128 - 130	271.78	26 ± 7	§
540 - 30 - 2 ,	81 - 83	272.81	68 ± 12	§
540 - 30 - cc ,	7 - 8	272.93	122 ± 14	§
540 - 30 - cc ,	19 - 20	273.05	259 ± 12	§
540 - 31 - 1 ,	1 - 2	280.01	205 ± 10	3
540 - 31 - 1 ,	29 - 30	280.29	196 ± 14	3
540 - 31 - 1 ,	53 - 55	280.53	85 ± 14	3
540 - 31 - 1 ,	90 - 91	280.90	155 ± 14	3
540 - 31 - 1 ,	99 - 100	280.99	212 ± 14	3
540 - 31 - 1 ,	118 - 119	281.18	117 ± 14	3
540 - 31 - 1 ,	141 - 142	281.41	78 ± 14	3
540 - 31 - 2 ,	10 - 11	281.60	84 ± 13	3
540 - 31 - 2 ,	26 - 28	281.76	36 ± 8	3
540 - 31 - 2 ,	58 - 59	282.08	59 ± 10	3
540 - 31 - 2 ,	97 - 98	282.47	89 ± 13	3
540 - 31 - 2 ,	113 - 114	282.63	83 ± 17	3
540 - 31 - 2 ,	126 - 128	282.76	39 ± 9	2 or 3
540 - 32 - 1 ,	66 - 69	290.16	3.9 ± 0.8	2
540 - 32 - 1 ,	137 - 139	290.87	8.8 ± 1.2	2
540 - 32 - 2 ,	43 - 44	291.43	5.5 ± 1.3	2
540 - 32 - 2 ,	83 - 84	291.83	6.2 ± 1.3	2
540 - 32 - cc ,	12 - 14	292.08	8.6 ± 1.3	2
540 - 33 - 1 ,	49 - 51	299.49	5.5 ± 0.7	2
540 - 33 - 1 ,	113 - 116	300.13	2.0 ± 0.8	2
540 - 33 - 1 ,	146 - 147	300.46	3.4 ± 1.2	2
540 - 34 - 1 ,	8 - 10	308.58	4.5 ± 1.0	2
540 - 34 - 1 ,	60 - 62	309.10	1.9 ± 1.0	2
540 - 34 - 1 ,	73 - 75	309.23	3.3 ± 1.0	2
540 - 36 - 1 ,	40 - 43	327.90	2.0 ± 0.8	2
540 - 36 - 1 ,	78 - 80	328.28	0.58 ± 0.33	1

* Metre level in hole 540 = (arbitrarily) metre level in hole 536 + 200 m

§ Not included in composite profiles of Figures 1 and 3. This may be the hole-540 equivalent of unit 5.

† Ir data by coincidence-counter NAA, uncertainty ±1σ.