



図2-1-1 調査地点位置図

縮尺 1:2000

表 3-2-1 品木ダム堆積物分析結果一覧表 (その1)

| 試料 No. | 項目 水深(m) | 単位 | | | | | | | | | | | | | 強熱減量 % | 水分 % | 比重 - |
|----------------|-------------|---------------------------|---|--------------|--------------|----------------------------|---------------------------|---|--------------------------|--------------------------|-------------|-------------|-------------|-------------|-----------|---------|---------|
| | | SiO ₂ mg/kg | Al ₂ O ₃ mg/kg | MgO mg/kg | CaO mg/kg | Na ₂ O mg/kg | K ₂ O mg/kg | Fe ₂ O ₃ mg/kg | SO ₃ mg/kg | S ²⁻ mg/kg | As mg/kg | Cl mg/kg | Cd mg/kg | Pb mg/kg | | | |
| 1-1 | 5.0~5.5 | 254000 | 184000 | - | 96200 | 4000 | 3400 | 47900 | 23000 | 440 | 1100 | 736 | - | - | 21.4 | 82.0 | 2.658 |
| 1-2 | 5.7~6.3 | 262000 | 181000 | - | 143000 | 4300 | 3900 | 47300 | 18000 | 480 | 590 | 530 | - | - | 22.7 | 78.2 | 2.649 |
| 1-3 | 6.8~7.5 | 318000 | 173000 | - | 127000 | 4800 | 5800 | 44200 | 21000 | 1800 | 260 | 343 | - | - | 18.3 | 69.5 | 2.654 |
| 1-4 | 7.8~8.35 | 348000 | 177000 | - | 108000 | 5900 | 6800 | 49800 | 27000 | 690 | 340 | 338 | - | - | 16.5 | 69.8 | 2.661 |
| 1-5 | 8.8~9.5 | 454000 | 177000 | 11000 | 98700 | 9300 | 12000 | 47500 | 10000 | 1400 | 160 | 289 | 2.9 | 48 | 15.2 | 63.7 | 2.662 |
| 1-6 | 9.8~10.5 | 148000 | 132000 | - | 248000 | 2000 | 1500 | 28300 | 7000 | 2200 | 330 | 490 | - | - | 30.3 | 69.4 | 2.670 |
| 1-7 | 10.8~11.5 | 161000 | 108000 | - | 328000 | 2800 | 1900 | 26600 | 8000 | 1400 | 190 | 248 | - | - | 32.3 | 57.7 | 2.684 |
| 1-8 | 11.8~12.5 | 224000 | 170000 | - | 227000 | 3200 | 2900 | 45600 | 12000 | 1300 | 360 | 626 | - | - | 27.0 | 72.7 | 2.681 |
| No.1 地点平均値 | | 271000 | 163000 | - | 172000 | 4500 | 4800 | 42200 | 16000 | 1200 | 420 | 450 | - | - | 22.9 | 70.4 | 2.666 |
| No.1 地点標準偏差 | | 94500 | 25800 | - | 80000 | 2100 | 3200 | 8640 | 7000 | 590 | 290 | 163 | - | - | 5.89 | 7.15 | 0.014 |
| No.1 地点変動係数(%) | | 34.9 | 15.8 | - | 46.5 | 47 | 67 | 20.5 | 45 | 49 | 69 | 36.1 | - | - | 25.7 | 10.2 | 0.51 |
| 2-1 | 5.4~5.8 | 227000 | 182000 | - | 140000 | 3100 | 3400 | 39600 | 19000 | 850 | 650 | 779 | - | - | 24.1 | 81.9 | 2.652 |
| 2-2 | 5.8~6.5 | 276000 | 221000 | - | 129000 | 3900 | 4200 | 51900 | 32000 | 1100 | 940 | 604 | - | - | 22.5 | 78.9 | 2.656 |
| 2-3 | 6.8~7.5 | 344000 | 178000 | - | 100000 | 4700 | 6200 | 59600 | 17000 | 200 | 380 | 840 | - | - | 16.9 | 85.5 | 2.660 |
| 2-4 | 7.8~8.5 | 420000 | 223000 | - | 53300 | 6700 | 8900 | 66200 | 29000 | 150 | 320 | 627 | - | - | 15.2 | 79.7 | 2.655 |
| 2-5 | 8.8~9.5 | 434000 | 186000 | 8800 | 51500 | 8200 | 10000 | 56000 | 18000 | 120 | 350 | 527 | 4.4 | 77 | 12.6 | 75.5 | 2.627 |
| 2-6 | 9.8~10.5 | 359000 | 206000 | - | 99800 | 4200 | 5300 | 59500 | 18000 | 180 | 360 | 1520 | - | - | 19.6 | 87.6 | 2.641 |
| 2-7 | 10.8~11.5 | 272000 | 174000 | - | 169000 | 1500 | 1800 | 45300 | 15000 | 90 | 360 | 2040 | - | - | 22.4 | 80.2 | 2.616 |
| 2-8 | 11.8~12.5 | 439000 | 162000 | - | 113000 | 9200 | 9300 | 53200 | 14000 | 1000 | 220 | 838 | - | - | 15.9 | 78.1 | 2.654 |
| No.2 地点平均値 | | 346000 | 192000 | - | 107000 | 5100 | 6100 | 53900 | 20000 | 460 | 450 | 972 | - | - | 18.6 | 82.2 | 2.646 |
| No.2 地点標準偏差 | | 76300 | 21100 | - | 37900 | 2400 | 2800 | 7930 | 6200 | 410 | 220 | 496 | - | - | 3.85 | 4.78 | 0.016 |
| No.2 地点変動係数(%) | | 22.0 | 11.0 | - | 35.5 | 46 | 46 | 14.7 | 30 | 89 | 49 | 51.0 | - | - | 20.6 | 5.82 | 0.61 |

※ 1) 単位は水分のみ湿重量基準、他は乾重量基準。
 2) S²⁻は硫化物態硫黄。
 3) 網かけ付き数値は各地点における最大値、下線付き数値は各地点における最小値を示す。

表 3-2-2 品木ダム堆積物分析結果一覧表 (その2)

| 試料 No. | 項目 水深(m) | SiO ₂ | Al ₂ O ₃ | MgO | CaO | Na ₂ O | K ₂ O | Fe ₂ O ₃ | SO ₃ | S ²⁻ | As | Cl | Cd | Pb | 強熱減量 | 水分 | 比重 |
|-----------------|-------------|-------------------|--------------------------------|-------|-------------------|-------------------|------------------|--------------------------------|------------------|-----------------|-----------------|----------------|-------|-------|-----------------|-----------------|------------------|
| | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | % | % |
| 3-1 | 3.2~3.9 | 245000 | 253000 | - | 96000 | 3600 | 2700 | 48300 | 19000 | 770 | 2000 | 785 | - | - | 23.3 | 84.2 | 2.658 |
| 3-2 | 4.0~4.7 | 332000 | 131000 | - | 131000 | 9000 | 5700 | 50300 | 5000 | 950 | 330 | 220 | - | - | 16.2 | 59.0 | 2.669 |
| 3-3 | 5.0~5.7 | 334000 | 137000 | - | 209000 | 8400 | 5200 | 54600 | 6000 | 960 | <u>200</u> | 223 | - | - | 21.2 | 59.0 | <u>2.651</u> |
| 3-4 | 6.0~6.7 | 181000 | 196000 | - | 218000 | 2300 | 1500 | 43700 | <u>4000</u> | 2400 | 460 | 503 | - | - | 28.2 | 75.5 | 2.673 |
| 3-5 | 7.0~7.7 | 230000 | 196000 | - | 169000 | 3500 | 2500 | 56800 | 14000 | 1600 | 460 | 450 | - | - | 24.7 | 73.6 | 2.678 |
| 3-6 | 8.0~8.7 | 195000 | 142000 | 12000 | 272000 | 3600 | 2300 | 42700 | 5000 | 1500 | 370 | 258 | 7.1 | 110 | 27.3 | 60.9 | 2.672 |
| 3-7 | 9.0~9.7 | <u>152000</u> | 157000 | - | 288000 | 1600 | <u>1300</u> | 37000 | 11000 | 2200 | 370 | 342 | - | - | 30.3 | 66.8 | 2.681 |
| 3-8 | 10.0~10.5 | 228000 | 165000 | - | 224000 | 4200 | 3000 | 57500 | 10000 | 880 | 470 | 403 | - | - | 25.9 | 69.5 | 2.662 |
| 3-9 | 11.0~11.7 | 238000 | 227000 | - | 134000 | 2400 | 2300 | 55300 | 12000 | 1900 | 630 | 846 | - | - | 24.5 | 76.3 | 2.677 |
| 3-10 | 12.0~12.7 | 178000 | 146000 | - | 301000 | <u>1300</u> | 1300 | <u>36300</u> | 11000 | 1500 | 400 | 763 | - | - | 29.9 | 72.9 | 2.655 |
| No.3 地点平均値 | | 231000 | 175000 | - | 204000 | 4100 | 2800 | 48300 | 9700 | 1500 | 570 | 479 | - | - | 25.2 | 69.8 | 2.668 |
| No.3 地点標準偏差 | | 58200 | 39200 | - | 67000 | 2600 | 1400 | 7580 | 4500 | 540 | 490 | 227 | - | - | 4.11 | 7.92 | 0.010 |
| No.3 地点変動係数 (%) | | 25.2 | 22.4 | - | 32.8 | 65.2 | 52 | 15.7 | 47 | 37 | 86 | 47.4 | - | - | 16.3 | 11.3 | 0.37 |
| 4-1 | 4.9~5.6 | 292000 | 188000 | - | 165000 | 4800 | 4600 | 48200 | 20000 | <u>210</u> | 840 | 477 | - | - | 23.8 | 78.3 | <u>2.654</u> |
| 4-2 | 6.0~6.7 | 389000 | 215000 | - | 71800 | 7000 | 8700 | 59800 | 27000 | 440 | 590 | 457 | - | - | 17.1 | 74.8 | 2.669 |
| 4-3 | 7.0~7.7 | 291000 | 141000 | - | 223000 | 5500 | 5900 | 36000 | 11000 | 1600 | 240 | 286 | - | - | 24.9 | 64.4 | 2.663 |
| 4-4 | 8.0~8.7 | 254000 | <u>123000</u> | - | 256000 | 5000 | 4300 | 35400 | 9000 | 2600 | 460 | 239 | - | - | 28.2 | 62.5 | 2.667 |
| 4-5 | 9.0~9.7 | <u>187000</u> | 160000 | 7300 | 230000 | <u>2700</u> | <u>2000</u> | <u>35200</u> | <u>9000</u> | 3900 | 550 | 323 | 5.9 | 88 | 28.3 | 71.4 | 2.659 |
| 4-6 | 10.0~10.7 | 233000 | 193000 | - | 209000 | 3100 | 3000 | 45800 | 26000 | 3100 | 520 | 311 | - | - | 25.9 | 72.0 | 2.671 |
| 4-7 | 11.0~11.7 | 355000 | 200000 | - | 114000 | 5200 | 3700 | 49500 | 27000 | 1700 | 290 | 275 | - | - | 17.5 | 68.4 | 2.665 |
| 4-8 | 12.0~12.7 | 481000 | 176000 | - | 56800 | 10000 | 12300 | 55500 | 10000 | 510 | <u>110</u> | <u>227</u> | - | - | <u>14.1</u> | <u>60.9</u> | 2.664 |
| No.4 地点平均値 | | 310000 | 174000 | - | 166000 | 5400 | 5600 | 45700 | 17000 | 1800 | 450 | 324 | - | - | 22.5 | 69.1 | 2.664 |
| No.4 地点標準偏差 | | 88300 | 29200 | - | 71400 | 2100 | 3200 | 8850 | 7900 | 1300 | 220 | 88 | - | - | 5.19 | 5.75 | 0.005 |
| No.4 地点変動係数 (%) | | 28.5 | 16.7 | - | 43.1 | 40 | 57 | 19.4 | 46 | 72 | 48 | 27.1 | - | - | 23.0 | 8.32 | 0.19 |

※ 1) 単位は水分のみ湿重量基準、他は乾重量基準。
 2) S²⁻は硫化物態硫黄。
 3) 網かけ付き数値は各地点における最大値、下線付き数値は各地点における最小値を示す。