(cont.) Mineral content

Table 9 ~~Descriptions~~ of sediments sampled along Horse Creek and other tributaries to the Rocky River — continued.

| Block | Station number | Sample number | Material sampled | Depth of sample below surface of flood plain (feet) | Screening characteristics: Plus 1/4 inch: Volume ratio | Plus 1/4 inch: Composition (percent) | Plus 1/4 inch: Maximum intermediate dimension (inches) | Minus 1/4 - plus 1/8 inch: Volume ratio | Minus 1/4 - plus 1/8 inch: Composition (percent) | Minus 1/8 inch: Sand: Volume ratio | Minus 1/8 inch: Silt and clay: Abundance | Weight of concentrate (grams) | Sieve fraction: Mesh | Sieve fraction: Percent of concentrate | Monazite: Percent of concentrate | Monazite: Pounds per cubic yard | Ilmenite: Percent of concentrate | Ilmenite: Pounds per cubic yard | Rutile: Percent of concentrate | Rutile: Pounds per cubic yard | Zircon: Percent of concentrate | Zircon: Pounds per cubic yard | Garnet: Percent of concentrate | Garnet: Pounds per cubic yard | Kyanite: Percent of concentrate | Kyanite: Pounds per cubic yard | Sillimanite: Percent of concentrate | Sillimanite: Pounds per cubic yard | Magnetite | Hematite | Staurolite | Tourmaline | Amphibole, pyroxene, biotite | Epidote | Quartz | Others |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | Minerals in concentrate: Percent of concentrate | | | | | | | | | | | | | | | | | | | | | |
| G cont | 18 | 52-DC-572 | Riffle sand | | 5 | 50 qtz, 30 gn, 20 fels | 3/4 | 2 | 40 qtz, 40 gn, 20 fels | 25 | | 2,566.4 | 45+ | 8 | — | | 8 | | — | | — | | — | | — | | — | | — | — | — | — | — | tr | tr | |
| | | | | | | | | | | | | | 100 | 68 | — | | 64 | | tr | | tr | | — | | — | | — | | — | — | — | — | — | tr | 4 | |
| | | | | | | | | | | | | | 170 | 23 | — | | 22 | | tr | | — | | — | | — | | — | | — | — | — | — | — | tr | 1 | |
| | | | | | | | | | | | | | Total | | — | — | 94 | 481.4 | tr | — | tr | — | — | — | — | — | — | — | 1 | — | — | — | — | tr | 5 | |
| | 19 | 52-DC-573 | Riffle sand | | tr | tr qtz, fels & gn | 3/8 | 7 | 50 qtz, 30 gn, 20 fels | 25 | | 3.3 | 45 | 47 | — | | 26 | | — | | — | | — | | — | | — | | — | tr | — | — | — | 1 | 20 | |
| | | | | | | | | | | | | | 100 | 50 | — | | 15 | | — | | — | | — | | — | | — | | — | — | — | — | — | 1 | 34 | |
| | | | | | | | | | | | | | Total | | — | — | 41 | .3 | — | — | — | — | — | — | — | — | — | — | 3 | tr | — | — | — | 2 | 54 | |

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