



TABULATION OF U/Pb ISOTOPIC DATES

| Map No. | U/Pb | Sample | Reference | Lithology | Map No. | U/Pb | Sample | Reference | Lithology |
|---------|--------|---------|--------------------------|---|---------|--------|-----------------------------|----------------------|---|
| 1 | -378 | — | Saleby and others, 1987a | Gneiss of Wolf Creek, intrudes Sierra Butte Formation | 177 | 1 114 | W10 | Chen and Moore, 1982 | Unnamed pluton, quartz-diorite |
| 2 | -314 | FR1b | Saleby and others, 1989a | Metaplagonitic gneissic facies feather vein ultramafics | 178 | 1 112 | W11 | do | Unnamed pluton, quartz-diorite |
| 3 | -140 | GC1 | Saleby and others, 1989a | Hornblende-biotite granodiorite, Buck Lake pluton | 179 | 3 111 | W22 | do | Unnamed pluton, quartz-diorite |
| 4 | -140 | CC2 | Saleby and others, 1989a | Hornblende-biotite granodiorite, Grizzly belt | 180 | 6 111 | W4 | do | Unnamed pluton, quartz-diorite |
| 5 | -204 | CB12a | Saleby and others, 1989a | Blastomylonite leucodiorite, central belt | 181 | 7 112 | W3 | do | Unnamed pluton, quartz-diorite |
| 6 | -196 | SC1 | Saleby and others, 1989a | Leuco-quartz dike, central belt | 182 | 8 106 | W2 | do | Unnamed pluton, alkali-silicate |
| 7 | -194 | SC15 | Saleby and others, 1989a | Plagioclase-phengite-Sericite metapschist | 183 | 9 107 | W4 | do | Unnamed pluton, alkali-silicate |
| 8 | -193 | CC1 | Saleby and others, 1989a | Quartz-albite granodiorite, Sericite tuff, central belt | 184 | 10 110 | KC11 | do | Aplitic dike in Yucca Point pluton |
| 9 | -140 | CC6 | Saleby and others, 1987a | Biotite granodiorite, Bald Rock pluton | 185 | 11 110 | KC6 | do | Yucca Point pluton, quartz-diorite |
| 10 | -168 | CC6 | Saleby and others, 1989a | Hornblende biotite granodiorite, Scales pluton (cuts fault) | 186 | 12 86 | KC19 | do | Dike, quartz monzonite of Brush Canyon pluton |
| 11 | -205 | CB10 | Saleby and others, 1989a | Hornblende biotite granodiorite, central belt | 187 | 14 87 | KC5 | do | do |
| 12 | -140 | SC4 | Saleby and others, 1989a | Fine-grained plagiogranite, Smartville complex | 188 | 15 108 | KC16 | do | Lightning Creek pluton, granodiorite |
| 13 | -162 | SC13 | Saleby and others, 1989a | Hornblende biotite tonalite, Yuba Rivers complex | 189 | 16 97 | KC2 | do | Lookout Creek pluton, granodiorite |
| 14 | -159 | CC5 | Saleby and others, 1989a | Hornblende biotite tonalite, Yuba Rivers pluton | 190 | 17 97 | KC15 | do | do |
| 15 | -159 | CC4 | Saleby and others, 1989a | Biotite hornblende tonalite, Yuba Rivers pluton | 191 | 25 103 | OW34 | do | Bullfrog pluton, alkali-silicate |
| 16 | -423 | — | Saleby and others, 1987a | Oriented Miss granite, Feather River belt | 192 | 25 103 | OW34 | do | Dragon's Mouth pluton, granodiorite |
| 17 | -409 | FR5a | Girty and others, 1984 | Granitic phase of Bowman Lake batholith | 193 | 26 104 | OW16 | do | Wood Lake, Tresnaha granodiorite |
| 18 | -385 | — | Hanson and others, 1988 | Bowman Lake batholith | 194 | 27 107 | OW7 | do | Independence pluton, granite |
| 19 | -385 | — | — | do | 195 | 31 115 | W26 | do | Unnamed pluton, quartz-diorite |
| 20 | -368 | 4 | do | Riverdale sill in Sheep Butte Fm | 196 | 42 88 | SC1 | do | Big Meadow pluton, granodiorite |
| 21 | -388 | — | do | Bowman Lake batholith | 197 | 43 97 | SC48 | do | Big Meadow pluton, granodiorite |
| 22 | -385 | — | do | do | 198 | 46 100 | SC1 | do | Alakna, within Big Meadow pluton |
| 23 | -164 | CC7 | Saleby and others, 1989a | Hornblende pyroxene quartzo-diorite, Emigrant Gap pluton | 199 | 47 91 | SC67 | do | Mitchell Peak pluton, granodiorite |
| 24 | -163 | — | Saleby and others, 1989a | Two pyroxene diorite | 200 | 49 83 | OW40 | do | Whitney pluton, porphyritic granodiorite |
| 25 | -162 | SC3 | Saleby and others, 1989a | Pyroxene hornblende diorite | 201 | 50 87 | SC10 | do | Lower Antler pluton, granodiorite |
| 26 | -162 | C7 | Kulow and others, 1997 | Reefless Creek pluton, biotite-biotite granodiorite | 202 | 50 87 | SC37 | do | Alabama Hills, quartz monzonite |
| 27 | -163 | FDS1 | Saleby, 1982 | Plagiogranite (quartz diorite set in basaltic sheeted dikes | 203 | 54 108 | W31 | do | do |
| 28 | -165 | FDS2 | Saleby, 1982 | Plagiogranite dike in deformed mafic sheeted dikes | 204 | 55 104 | W32 | do | Unnamed pluton, quartz-diorite |
| 29 | -162 | PH1 | Saleby, 1982 | Plagiogranite dike in gabbro | 205 | -152 | SC19 | do | Wooden and others, 1999 |
| 30 | -166 | PH2 | Saleby and Bohrman, 1979 | Plagiogranite dike phase of pluton | 206 | -162 | SC1 | do | Oro Ranch pluton |
| 31 | -286 | BMC-1 | Saleby and Bohrman, 1979 | Mica-plagiogranite block in serpentinized melange | 207 | -162 | SC1 | do | N.Y. Granite pluton |
| 32 | -286 | OGP-1 | Saleby and Sharp, 1979 | Granodiorite | 208 | -162 | MC-113F | do | Post Peak pluton |
| 33 | -171 | SI-1 | Saleby and Sharp, 1979 | Blastomylonite granite | 209 | -98 | MC-122 | do | Jackass pluton |
| 34 | -216 | CO-1 | Saleby and Sharp, 1979 | Pyroxene diorite | 210 | -97 | MC-274F | do | Red Peak pluton |
| 35 | -197 | CO-2 | Saleby and Sharp, 1979 | Pyroxene diorite | 211 | -97 | MC-274 | do | Timber Creek pluton |
| 36 | -162 | C7 | Saleby, 1982 | Granodiorite | 212 | -94 | MC-280F | do | Norris Creek pluton |
| 37 | -280 | TOM1 | Saleby, 1982 | Metaplagonite in serpentinized melange | 213 | -100 | MC-299F | do | Shelburner pluton |
| 38 | -173 | ST-88&9 | Saleby and Sharp, 1979 | Pyroxene diorite and quartz diorite | 214 | -143 | J. Saleby, in Graymer, 1992 | do | Granodiorite to hornblende diorite, Coloma pluton |
| 39 | 5 164 | BMSD | Stern and others, 1981 | Standard pluton, Bohemia sequence | 215 | -150 | SC1 | do | Hornblende-plagioclase porphyry, unnamed pluton |
| 40 | 1 199 | CD1-1 | Saleby, 1982 | Granodiorite, small intrusive in Penasco volcanics | 216 | -150 | SC1 | do | Tonala, plutonic unit of State Creek complex |
| 41 | -199 | CD1-2 | Saleby, 1982 | Pyroxene cobble in conglomerate bed | 217 | -209 | SC1 | do | do |
| 42 | -198 | MLB1 | Saleby, 1982 | Pyroxene cobbles in conglomerate bed | 218 | -168 | — | do | do |
| 43 | 3 148 | PM-1 | Stern and others, 1981 | Page Mountain pluton | 219 | -159 | — | do | Gabbro to tonalitic Scales pluton |
| 44 | 4 131 | LE-1992 | Saleby and others, 1989a | Granodiorite of Cottonwood Creek | 220 | -161 | — | do | Gabbro to granodioritic Yuba Rivers pluton |
| 45 | 4 147 | — | do | Cob Creek pluton, Jawbone sequence | 221 | -162 | — | do | do |
| 46 | 7 166 | LE-153 | Saleby, 1982 | Qtz dike of Green Creek, Jawbone sequence | 222 | -163 | — | do | do |
| 47 | 2 182 | DPD-1 | Saleby, 1982 | Do Pedro pluton | 223 | -142 | I-100 | This report | Tonalite dike cutting 198 Ma tonalite of Smartville complex |
| 48 | -200 | CD1-2 | Saleby, 1982 | Hornblende diorite, small intrusive in Penasco volcanics | 224 | -133 | I-200 | do | Tonalite, Perrey(?) pluton |
| 49 | 4 196 | CD1-3 | Saleby, 1982 | Pyroxene diorite, small intrusive in Penasco volcanics | 225 | -170 | I-300 | do | Tonalite, Granodiorite |
| 50 | 10 142 | LE-206 | Stern and others, 1981 | Granodiorite, small intrusive in Penasco volcanics | 226 | -170 | I-400 | do | Granodiorite |
| 51 | 8 163 | LE-244 | Saleby and others, 1989a | Quartz diorite of Green Creek, Jawbone sequence | 227 | -165 | I-600 | do | Granodiorite(?) |
| 52 | 6 150 | — | Saleby and others, 1989a | Biotite leucotonalite, Hornitos pluton | 228 | -160 | I-700 | do | Jesus Maria pluton |
| 53 | 4 147 | — | do | Biotite-hornblende tonalite, Santa Cruz Mountain pluton | 229 | -166 | I-800 | do | Haynes Creek pluton |
| 54 | 5 149 | — | do | Biotite-hornblende tonalite, La Plata pluton | 230 | -167 | I-900 | do | The report |
| 55 | 40 | TMs-173 | Stern and others, 1981 | Qtz dike north of May Lake, Tuolumne sequence | 231 | -142 | I-1100 | do | Trondjemite |
| 56 | 41 86 | TMB-164 | Saleby and others, 1981 | Cathedral Peak Granodiorite, Tuolumne sequence | 232 | -128 | I-1200 | do | Merrimac pluton |
| 57 | 2 103 | — | Saleby and others, 1989a | El Capitan Granite | 233 | -159 | I-1300 | do | Trondjemite |
| 58 | 2 146 | — | Saleby and others, 1989a | Biotite-hornblende diorite, Courthouse pluton | 234 | -159 | I-1500 | do | Merrimac |
| 59 | 1 138 | — | do | Granite porphyry of Jackson Lakes, Merced Peak sequence | 235 | -159 | I-1700 | do | |