

GOLD AND SILVER MINES AND PROSPECTS

Note: No attempt is made to show all of the several hundred known abandoned small mines and prospects.

- | L O D E S | | P L A C E R S | |
|-----------|-----------------------------|---------------|--|
| 1 | Frontino Gold Mines Ltd | 11 | Pato Consolidated Gold Dredging Ltd. |
| 2 | Minas Nacionales de Marmato | 12 | Pato's former small dredge on lower Force |
| 3 | La Bramadora | 13 | La Viborita |
| 4 | Berlín | 14 | Supia Gold Dredging Co |
| 5 | El Carmen | 15 | Alluvial prospects southwest of Supia, see text |
| 6 | El Limón | 16 | Minera El Hahillo S A (Madreseca) |
| 7 | El Coracito | 17 | La Tinta-San Bortolo |
| 8 | El Zancudo | 18 | Rio Tenche hand placers |
| 9 | La Constancia | 19 | Puerto Antioquia prospect and abandoned placer of G Mero |
| 10 | Los Camelias | 20 | Puri monitor |
| | | 21 | Minas de Oro de Porcecito |
| | | 22 | Old hydraulic mines on Rio Nus |
| | | 23 | Rio Nare hand placers |
| | | 24 | San Benigno-Norizal hydraulic mines |
| | | 25 | El Limón hydraulic mine |
| | | 26 | Old hydraulic mines on Rio San Bartolomé and tributaries |
| | | 27 | Old hydraulic mines south of Remedios |

S Y M B O L S

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|--|--|--|---|
| | Producing lode mine > 100 tons per day | | Active dredge, 13 1/2 cu ft |
| | Producing lode mine 10 to 100 tons per day | | Abandoned dredging site, < 9 cu ft |
| | Producing lode mine < 10 tons per day | | Active hydraulic mine |
| | Abandoned lode mine | | Abandoned hydraulic mine |
| | Gold (some silver invariably recovered as byproduct) | | Active small hand placer |
| | | | Abandoned small hand placer |
| | | | Placer prospect of potential importance |

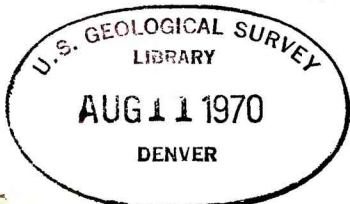
OTHER MINES, QUARRIES AND PROSPECTS

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|----|---|----|---|
| 28 | Andalusite prospects, various, see text | 44 | Dolomite and calcite marble near Amalfi |
| 29 | Asbestos deposits, Las Brisas-La Solita | 45 | Dolomite prospect at El Jordán |
| 30 | Asbestos prospect, Sabanalarga | 46 | Feldspar south of La Ceja |
| 31 | Coal mines at Amagá | 47 | Feldspar outcrop south of Ituango |
| 32 | Coal mines at El Salado, Caldas. | 48 | Pyrite prospect at Ituango |
| 33 | Carbonate rocks for quicklime, near Segovia | 49 | Quartz at El Retiro |
| 34 | Outcrops carbonate rock, eastern Antioquia | 50 | Silica sand at Angelópolis-Titiribi |
| 35 | Cementos El Cairo | 51 | Talc northeast of Yarumal |
| 36 | Cementos El Nare | 52 | Wollastonite southwest of Maceo |
| 37 | Cementos Caldas | 53 | Chromite southeast of Medellín |
| 38 | Kaolin at La Unión | 54 | Copper prospect at Buriticó |
| 39 | Kaolin at Rio Negro and Carmen de Viboral | 55 | Copper prospect west of Toledo |
| 40 | Kaolin at Guarné | 56 | Copper prospects southwest of Anserma |
| 41 | Kaolin prospects north of Anserma | 57 | Ferruginous laterite at Medellín |
| 42 | Aggregate sources near Medellín | 58 | Ferruginous laterite at Morro Pelón |
| 43 | Decorative stone (greenschist) at Valdivia | 59 | Manganese deposits at Santa Barbara |
| | | 60 | Mercury mine, Nueva Esperanza |
| | | 61 | Mercury prospect, Aguadas |
| | | 62 | Nickeliferous laterite at Ure, Córdoba |

S Y M B O L S

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|-----|-------------------------|------|------------------|------|---------------------|
| and | Andalusite | Cu | Copper | Mn | Manganese |
| asb | Asbestos | dec | Decorative stone | Ni | Nickel |
| C | Coal | dol | Dolomite | py | Pyrite |
| cal | Carbonate rock | Fe | Iron (laterite) | qz | Quartz |
| ccr | Outcrops carbonate rock | fel | Feldspar | sand | Silica sand |
| cem | Cement raw materials | Hg | Mercury | src | Source of aggregate |
| Cr | Chromite | kaol | Kaolin clay | talc | Talc |
| | | wo | Wollastonite | | |
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- | | | | |
|--|---|--|--|
| | Producing mine or quarry | | Prospect |
| | Output = > 100 tons per day | | Prospect of important potential |
| | Output > 10 tons per day < 100 tons per day | | Prospect of small potential |
| | Output = < 10 tons per day | | Outcrop only |
| | | | Boundary of geological map published by Instituto Nal de Investigaciones Geologico-Mineras |

FIGURE 2. MAP SHOWING LOCATION OF PRINCIPAL MINERAL RESOURCES IN ZONE II, CENTRAL ANTIOQUIA AND NORTHERN CALDAS DEPTS.



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IN BACK OF BOUND VOLUME