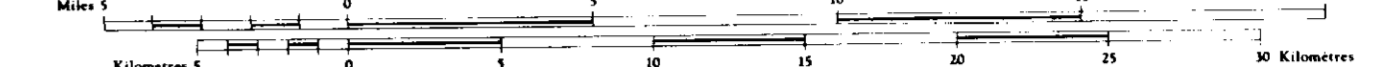


MINFILE MAP 082G
FERNIE
MINERAL OCCURRENCE MAP

Scale 1:250 000



This project is a contribution to the Canada/British Columbia Mineral Development Agreement 1985-1990.

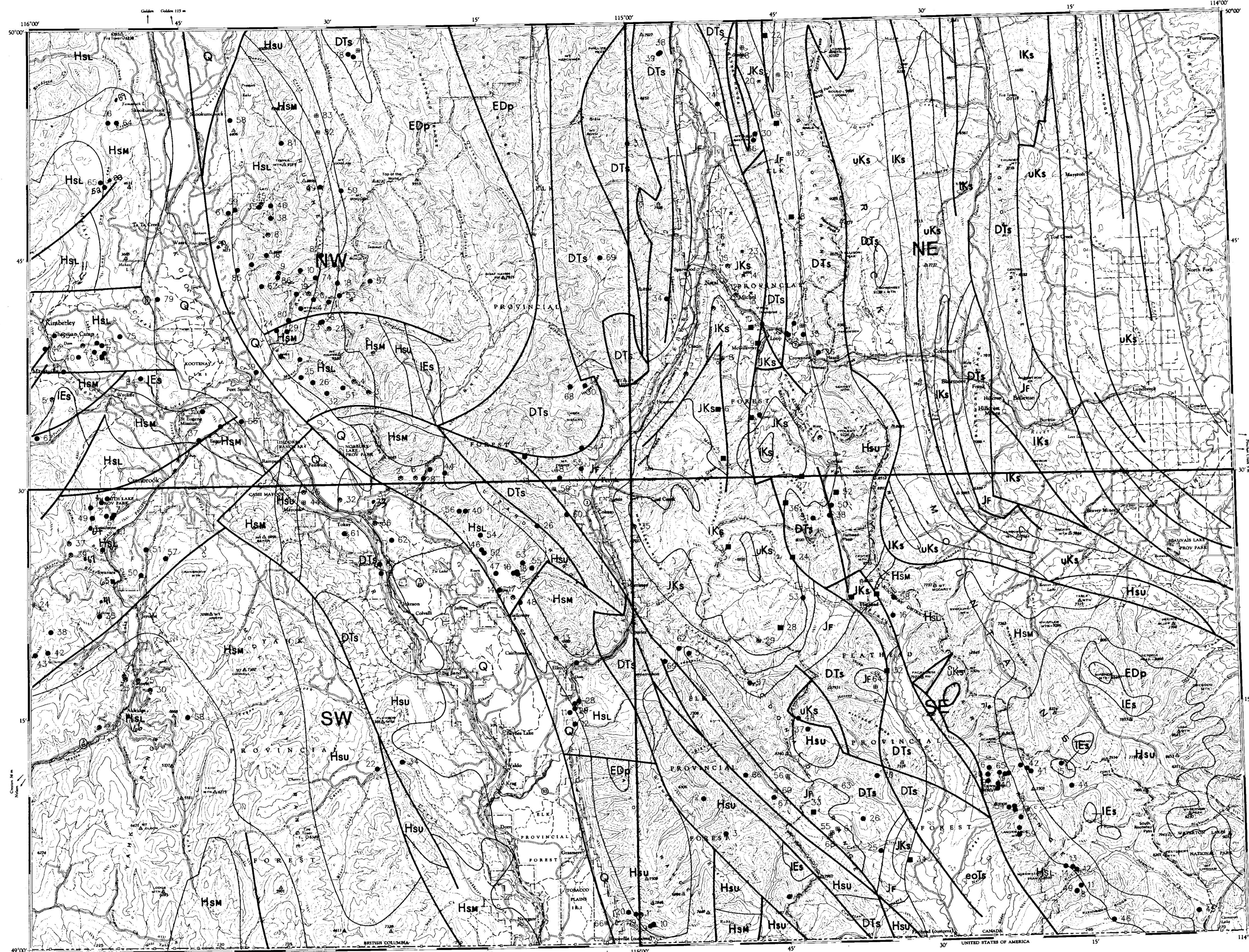
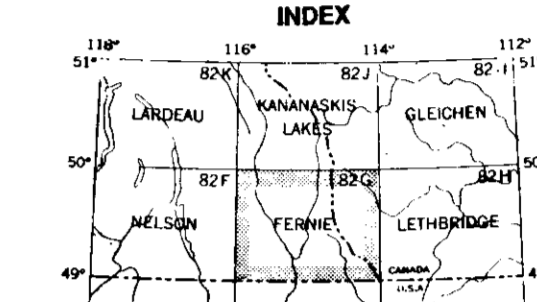
Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
Energy, Mines and Resources Canada
Energie, Mines et Ressources Canada

DATE REVISED: JUNE 1991
DATE UPDATED: MAY 1996

TOTAL NUMBER OF OCCURRENCES: 257

LEGEND

- STATUS
- Producer
 - Past Producer
 - Developed Prospect
 - Prospect
 - Showing



GEOLOGICAL LEGEND

SEDIMENTARY, METAMORPHIC AND VOLCANIC ROCKS

- QUATERNARY AND RECENT
- Q Glacial deposits, recent alluvium
- TERTIARY
- EOCENE-OLIGOCENE
- nots Sandstone, conglomerate, tuff. Kamloops Group; Kishanehri, Kettle River and Sophie Mountain formations.
- CRETACEOUS
- UPPER CRETACEOUS
- uks Sandstone, shale. Alberta Group; Edmonton, Brazeau, Belly River, Willow Creek, St. Mary River, Bearpaw, Milk River, Koutouni, etc. formations.
- LOWER CRETACEOUS
- iks Sandstone, shale, coal, conglomerate, volcanic breccia. Blairmore Group; Crownsnest Formation.
- JURASSIC-CRETACEOUS
- jks Sandstone, siltstone, mudstone, coal, conglomerate. Kootenay and Nikanassin formations.
- JURASSIC
- ies Shale, siltstone, sandstone, limestone. Fernie Group (includes Hall Formation in the Nelson map area).
- DEVONIAN TO TRIASSIC
- DTs Triassic shale, sandstone, limestone. Spray River Group. Pennsylvanian-Permian sandstone, shale, chert. Rocky Mountain Group. Mississippian limestone, shale. Rundle Group; Banff, Exshaw, Eberington, Mount Head, Livingston, Hannan, etc. formations. Upper Devonian limestone, sandstone, shale. Fairholme Group; Paliser and Alvo formations.
- CAMBERIAN-DEVONIAN (pelitic facies)
- EDp Devonian limestone, shale. Starbird, Mount Forster, Harrogate and Cedared formations. Ordovician-Silurian limestone. Beaverfoot Formation. Ordovician sandstone, shale. Mount Wilson and Glenogle formations. Upper Cambrian-Ordovician limestone, shale. McKay Group. Lower Cambrian shale, limestone. Canyon Creek, Ottertail, Jubilee and Chancellors formations.
- LOWER CAMBERIAN
- ies Quartzite, limestone, phyllite, argillite. Hamill and Gog groups; Eager, Badshot, Mohican, Donald, Reno, Lab, Quartzite Range formations; Maitlen Phyllite, Helena, Sheppard formations, Purcell Lava.
- PROTEROZOIC
- HELIKIAN (Belt-Purcell)
- Hsu Quartzite, argillite, dolomite, limestone, siltstone. Missoula Group; Mount Nelson, Dutch Creek, Galeway, Phillips and Rossville formations.
- Hsm Limestone, argillite, quartzite, andesite breccia, tuff. Syeh, Kitchener, Wallace, Helena, Sheppard formations, Purcell Lava.
- Hsl Quartzite, argillite, siltstone. Ravalli Group; Creston, Aldridge, Fort Steele, Fritchard, Waterton, Appokury, Allyn, Grinnell and Wener Peak formations.

Geological legend and base derived from:
Okulitch, A.V. and Woodsworth, G.J. (1977). Kootenay River Map Sheet; Geological Survey of Canada Open File 481, 1:1,000,000

MAP LEGEND

| 082GNE | | | 082GSE | | | 082GSW | | |
|----------------|--------------------------------|-------------|----------------|----------------------|-------------|----------------|----------------|----------------|
| MINFILE NUMBER | NAME | COMMODITIES | MINFILE NUMBER | NAME | COMMODITIES | MINFILE NUMBER | NAME | COMMODITIES |
| 001 | BROWN CREEK | CU AG AU | 027 | COPPER BELT | BA CU | 001 | PHILLIPS CREEK | AG PB ZN CU AU |
| 002 | CORBIS (ONDULO MOUNTAINS) | CL | 028 | CUCKOO | BA | 002 | FRANKIE | AG PB |
| 003 | MARTIN CREEK | CL | 029 | ESPANER | BA | 003 | JUN 16 | AG PB |
| 004 | TEAT MOUNTAIN | CL | 030 | HARLEY | BA | 004 | OUTLER RIDGE | PB ZN AG |
| 005 | LEACH CREEK | CL | 031 | SLAAR LAKE TWO | PP | 005 | COLORADO RIDGE | BA |
| 006 | MARTIN RIDGE | CL | 032 | EDGIE TOP | PP | 006 | LOGSPOLE CREEK | PB |
| 007 | HOCKEY MESELE | CL | 033 | KING | CU | 007 | COMMERCE F & G | PP |
| 008 | PARCEL 75 | CL | 034 | SLAAR LAKE ONE | CU | 008 | TRI 37 | CU AG AU MO |
| 009 | MICHELLYAT | CL | 035 | GOLDEN FLEECE | CU AG AU PB | 009 | WOLF | CU |
| 010 | MICHEL SOUTH | CL | 036 | SOBARR CREEK | MT | 010 | CARIN | CU |
| 011 | SPRINKWOOD RIDGE | CL | 037 | CRANBROOK | CU | 011 | RAMSHORN | CU |
| 012 | MATIL CREEK | CL | 038 | FORT STEELE CLAY | AG AU PB ZN | 012 | RAMSHORN | CU |
| 013 | J AREA (SPRINKWOOD OPERATIONS) | CL | 039 | SOUTH KING | AG AU PB ZN | 013 | RAMSHORN | CU |
| 014 | BALDY COMPLEX | CL | 040 | BLUE DRAGON (L.8956) | CU | 014 | RAMSHORN | CU |
| 015 | HANMER RIDGE | CL | 041 | ORINICA (L.10703) | CU | 015 | RAMSHORN | CU |
| 016 | CEADON MOUNTAIN | CL | 042 | BLACK HILLS (L.8956) | CU | 016 | RAMSHORN | CU |
| 017 | TELESC MOUNTAIN | CL | 043 | BISSAL RIVER FLOW | CU | 017 | RAMSHORN | CU |
| 018 | LINE CREEK | CL | 044 | WALLINGER | CU | 018 | RAMSHORN | CU |
| 019 | TELESC MOUNTAIN | CL | 045 | WALLINGER | CU | 019 | RAMSHORN | CU |
| 020 | TELESC MOUNTAIN | CL | 046 | WALLINGER | CU | 020 | RAMSHORN | CU |
| 021 | TELESC MOUNTAIN | CL | 047 | WALLINGER | CU | 021 | RAMSHORN | CU |
| 022 | TELESC MOUNTAIN | CL | 048 | WALLINGER | CU | 022 | RAMSHORN | CU |
| 023 | TELESC MOUNTAIN | CL | 049 | WALLINGER | CU | 023 | RAMSHORN | CU |
| 024 | TELESC MOUNTAIN | CL | 050 | WALLINGER | CU | 024 | RAMSHORN | CU |
| 025 | TELESC MOUNTAIN | CL | 051 | WALLINGER | CU | 025 | RAMSHORN | CU |
| 026 | TELESC MOUNTAIN | CL | 052 | WALLINGER | CU | 026 | RAMSHORN | CU |
| 027 | TELESC MOUNTAIN | CL | 053 | WALLINGER | CU | 027 | RAMSHORN | CU |
| 028 | TELESC MOUNTAIN | CL | 054 | WALLINGER | CU | 028 | RAMSHORN | CU |
| 029 | TELESC MOUNTAIN | CL | 055 | WALLINGER | CU | 029 | RAMSHORN | CU |
| 030 | TELESC MOUNTAIN | CL | 056 | WALLINGER | CU | 030 | RAMSHORN | CU |
| 031 | TELESC MOUNTAIN | CL | 057 | WALLINGER | CU | 031 | RAMSHORN | CU |
| 032 | TELESC MOUNTAIN | CL | 058 | WALLINGER | CU | 032 | RAMSHORN | CU |
| 033 | TELESC MOUNTAIN | CL | 059 | WALLINGER | CU | 033 | RAMSHORN | CU |
| 034 | TELESC MOUNTAIN | CL | 060 | WALLINGER | CU | 034 | RAMSHORN | CU |
| 035 | TELESC MOUNTAIN | CL | 061 | WALLINGER | CU | 035 | RAMSHORN | CU |
| 036 | TELESC MOUNTAIN | CL | 062 | WALLINGER | CU | 036 | RAMSHORN | CU |
| 037 | TELESC MOUNTAIN | CL | 063 | WALLINGER | CU | 037 | RAMSHORN | CU |
| 038 | TELESC MOUNTAIN | CL | 064 | WALLINGER | CU | 038 | RAMSHORN | CU |
| 039 | TELESC MOUNTAIN | CL | 065 | WALLINGER | CU | 039 | RAMSHORN | CU |
| 040 | TELESC MOUNTAIN | CL | 066 | WALLINGER | CU | 040 | RAMSHORN | CU |
| 041 | TELESC MOUNTAIN | CL | 067 | WALLINGER | CU | 041 | RAMSHORN | CU |
| 042 | TELESC MOUNTAIN | CL | 068 | WALLINGER | CU | 042 | RAMSHORN | CU |
| 043 | TELESC MOUNTAIN | CL | 069 | WALLINGER | CU | 043 | RAMSHORN | CU |
| 044 | TELESC MOUNTAIN | CL | 070 | WALLINGER | CU | 044 | RAMSHORN | CU |
| 045 | TELESC MOUNTAIN | CL | 071 | WALLINGER | CU | 045 | RAMSHORN | CU |
| 046 | TELESC MOUNTAIN | CL | 072 | WALLINGER | CU | 046 | RAMSHORN | CU |
| 047 | TELESC MOUNTAIN | CL | 073 | WALLINGER | CU | 047 | RAMSHORN | CU |
| 048 | TELESC MOUNTAIN | CL | 074 | WALLINGER | CU | 048 | RAMSHORN | CU |
| 049 | TELESC MOUNTAIN | CL | 075 | WALLINGER | CU | 049 | RAMSHORN | CU |
| 050 | TELESC MOUNTAIN | CL | 076 | WALLINGER | CU | 050 | RAMSHORN | CU |
| 051 | TELESC MOUNTAIN | CL | 077 | WALLINGER | CU | 051 | RAMSHORN | CU |
| 052 | TELESC MOUNTAIN | CL | 078 | WALLINGER | CU | 052 | RAMSHORN | CU |
| 053 | TELESC MOUNTAIN | CL | 079 | WALLINGER | CU | 053 | RAMSHORN | CU |
| 054 | TELESC MOUNTAIN | CL | 080 | WALLINGER | CU | 054 | RAMSHORN | CU |
| 055 | TELESC MOUNTAIN | CL | 081 | WALLINGER | CU | 055 | RAMSHORN | CU |
| 056 | TELESC MOUNTAIN | CL | 082 | WALLINGER | CU | 056 | RAMSHORN | CU |
| 057 | TELESC MOUNTAIN | CL | 083 | WALLINGER | CU | 057 | RAMSHORN | CU |
| 058 | TELESC MOUNTAIN | CL | 084 | WALLINGER | CU | 058 | RAMSHORN | CU |
| 059 | TELESC MOUNTAIN | CL | 085 | WALLINGER | CU | 059 | RAMSHORN | CU |
| 060 | TELESC MOUNTAIN | CL | 086 | WALLINGER | CU | 060 | RAMSHORN | CU |
| 061 | TELESC MOUNTAIN | CL | 087 | WALLINGER | CU | 061 | RAMSHORN | CU |
| 062 | TELESC MOUNTAIN | CL | 088 | WALLINGER | CU | 062 | RAMSHORN | CU |
| 063 | TELESC MOUNTAIN | CL | 089 | WALLINGER | CU | 063 | RAMSHORN | CU |
| 064 | TELESC MOUNTAIN | CL | 090 | WALLINGER | CU | 064 | RAMSHORN | CU |
| 065 | TELESC MOUNTAIN | CL | 091 | WALLINGER | CU | 065 | RAMSHORN | CU |
| 066 | TELESC MOUNTAIN | CL | 092 | WALLINGER | CU | 066 | RAMSHORN | CU |
| 067 | TELESC MOUNTAIN | CL | 093 | WALLINGER | CU | 067 | RAMSHORN | CU |
| 068 | TELESC MOUNTAIN | CL | 094 | WALLINGER | CU | 068 | RAMSHORN | CU |
| 069 | TELESC MOUNTAIN | CL | 095 | WALLINGER | CU | 069 | RAMSHORN | CU |
| 070 | TELESC MOUNTAIN | CL | 096 | WALLINGER | CU | 070 | RAMSHORN | CU |

COMMODITY LEGEND

| CODE | COMMODITY | COMMODITY |
|------|-----------------|-----------------|
| AS | As | Antimony |
| AU | Gold | Barite |
| BA | Barite | Calcium |
| CL | Clay | Clay |
| CO | Cobalt | Cobalt |
| CU | Copper | Copper |
| DO | Dolomite | Dolomite |
| FE | Iron | Iron |
| FL | Fluorite | Fluorite |
| LS | Limestone | Limestone |
| MC | Mercury | Mercury |
| MO | Molybdenum | Molybdenum |
| NI | Nickel | Nickel |
| NO | Nitrogen | Nitrogen |
| SI | Silica | Silica |
| AG | Ag | Silver |
| AN | Antimony | Antimony |
| UR | Uranium | Uranium |
| TI | Tin | Tin |
| VA | Vanadium | Vanadium |
| UR | Uranium | Uranium |
| VA | Vanadium | Vanadium |
| VI | Vanadium | Vanadium |
| ZN | Zinc | Zinc |
| RS | Railway Ballast | Railway Ballast |
| FD | Feldspar | Feldspar |