

Teacher Supplement TS18

Block 1: Upper Intercept: _____ Lower Intercept: _____
 Thickness: (Lower Int.) - (Upper Int.) = _____
 Volume = (Length) x (Width) x (Thickness) =
 = (3) x (3) x (_____) = _____ cubic inches
 Scale: 1 inch = 100 feet or 1 cubic foot = 100 cubic feet
 Volume = _____ cubic feet (cubic inches x 100)
 Tonnage Factor = 12 cubic feet per ton
 Tonnage Block 1 = (Volume) / 12 = _____ tons
 Grade = 1.78 ounces per ton

Block 4: Upper Intercept: _____ Lower Intercept: _____
 Thickness: (Lower Int.) - (Upper Int.) = _____
 Volume = (Length) x (Width) x (Thickness) =
 = (3) x (3) x (_____) = _____ cubic inches
 Scale: 1 inch = 100 feet or 1 cubic foot = 100 cubic feet
 Volume = _____ cubic feet (cubic inches x 100)
 Tonnage Factor = 12 cubic feet per ton
 Tonnage Block 1 = (Volume) / 12 = _____ tons
 Grade = 2.29 ounces per ton

Block 2: Upper Intercept: _____ Lower Intercept: _____
 Thickness: (Lower Int.) - (Upper Int.) = _____
 Volume = (Length) x (Width) x (Thickness) =
 = (3) x (3) x (_____) = _____ cubic inches
 Scale: 1 inch = 100 feet or 1 cubic foot = 100 cubic feet
 Volume = _____ cubic feet (cubic inches x 100)
 Tonnage Factor = 12 cubic feet per ton
 Tonnage Block 1 = (Volume) / 12 = _____ tons
 Grade = 1.24 ounces per ton

Block 5: Upper Intercept: _____ Lower Intercept: _____
 Thickness: (Lower Int.) - (Upper Int.) = _____
 Volume = (Length) x (Width) x (Thickness) =
 = (3) x (3) x (_____) = _____ cubic inches
 Scale: 1 inch = 100 feet or 1 cubic foot = 100 cubic feet
 Volume = _____ cubic feet (cubic inches x 100)
 Tonnage Factor = 12 cubic feet per ton
 Tonnage Block 1 = (Volume) / 12 = _____ tons
 Grade = 2.35 ounces per ton

Block 3: Upper Intercept: _____ Lower Intercept: _____
 Thickness: (Lower Int.) - (Upper Int.) = _____
 Volume = (Length) x (Width) x (Thickness) =
 = (3) x (3) x (_____) = _____ cubic inches
 Scale: 1 inch = 100 feet or 1 cubic foot = 100 cubic feet
 Volume = _____ cubic feet (cubic inches x 100)
 Tonnage Factor = 12 cubic feet per ton
 Tonnage Block 1 = (Volume) / 12 = _____ tons
 Grade = 1.56 ounces per ton

Block 6: Upper Intercept: _____ Lower Intercept: _____
 Thickness: (Lower Int.) - (Upper Int.) = _____
 Volume = (Length) x (Width) x (Thickness) =
 = (3) x (3) x (_____) = _____ cubic inches
 Scale: 1 inch = 100 feet or 1 cubic foot = 100 cubic feet
 Volume = _____ cubic feet (cubic inches x 100)
 Tonnage Factor = 12 cubic feet per ton
 Tonnage Block 1 = (Volume) / 12 = _____ tons
 Grade = 1.73 ounces per ton

Resource Calculation - Gold Acres Deposit

Block No.	Tonnage	Average Grade	Block Resource (ounces) (Tonnage x Grade)
Block 1			
Block 2			
Block 3			
Block 4			
Block 5			
Block 6			

Sumation of Tonnage =	Summation of Individual Block Resources =
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Gold Resource = (Summation of Individual Block Resources) / (Summation of Tonnage)
= _____ ounces