

Standard Mining Module vs. Advanced Mining Module.

This document illustrates the differences between the Standard Mining Module and the Advanced Mining Module of SurvCADD. It also shows the differences of the Standard Mining Module if it is installed with and without the Advanced Mining Module.

Notice that if both the Standard and Advanced Mining Modules are installed, the Standard contains features that are mostly geared for underground mining. If a company doing surface type mining uses the Advanced Mining Module, they will have little use for the Standard Mining Module. However, if an underground mining company uses the Advanced Mining Module, the Standard Mining Module is very desirable for layouts and such.

Standard Mining Module Installed Alone

Notes

Insert Point Symbols
Insert Mining Symbols
Locate by Bearing
Locate by Azimuth

Mine Note Defaults
Mine Note Left/Right/Face
Mine Note Auto Left/Right
Mine Note from CoORD File
Offsets from ASCII file

Add Drillhole
Bench Marks
Bottom Elev Points
Revise Bottom Elev Points
Mine Name
Section Name
Stoppings
Escapeways (solid circle)
Takeup Date
N-E Line

Works

Basic Projections
Advanced Projections
Projections Ventilation
Rooms
Label Proj. Distances
Panel Label Block
Room Label Block

Draw Outline
Draw Perimeter
Draw Pillars
Highlight Unclosed Plines
Chamfer Pillars
AutoMine Connections
Auto-Connect Pillars
Pillar Cut
Boundary Enclosure

Configure Section Info
Place Coal Sections
Edit Coal Sections
Quantities by Avg Method
Quantities by Grid Method
Quantities by Centerlines
Report Tons Acres

Surface

Draw 3DPoly Perimeter
Draw 3DPoly Base Barrier
Calculate Stockpile Volumes
Vertical Pit Quantities
Update Grid File
Drag Line Pits

Design Bench Pond
Design Valley Pond
Pond Stage Storage Curve
Regrade Backfill

Range Diagram
Range Diagram Timing

Output to SB-Slope
Output to Reame
Draw Reame File

StrataCalc

Define Drillhole
Define Strata
Define Attributes
Place Drillholes
Coal Section to Drillhole
Find Drillhole
Edit Drillhole
Draw Drillhole Text
Statistical Analysis
Drillhole Report
Drillhole Import
Drillhole Export

Spot Drillholes
Draw Geologic Column
Draw Outcrops
Draw Depth Contours
Strata Quantities
Strata Isopach Maps
Make Strata GRID Files
MountainTop/Surface Mining
Parameter Compliance Areas
Mark Compliance Drillholes

Fence Diagram
Block Diagram

Draw Fault Line
Draw Fence Diagram

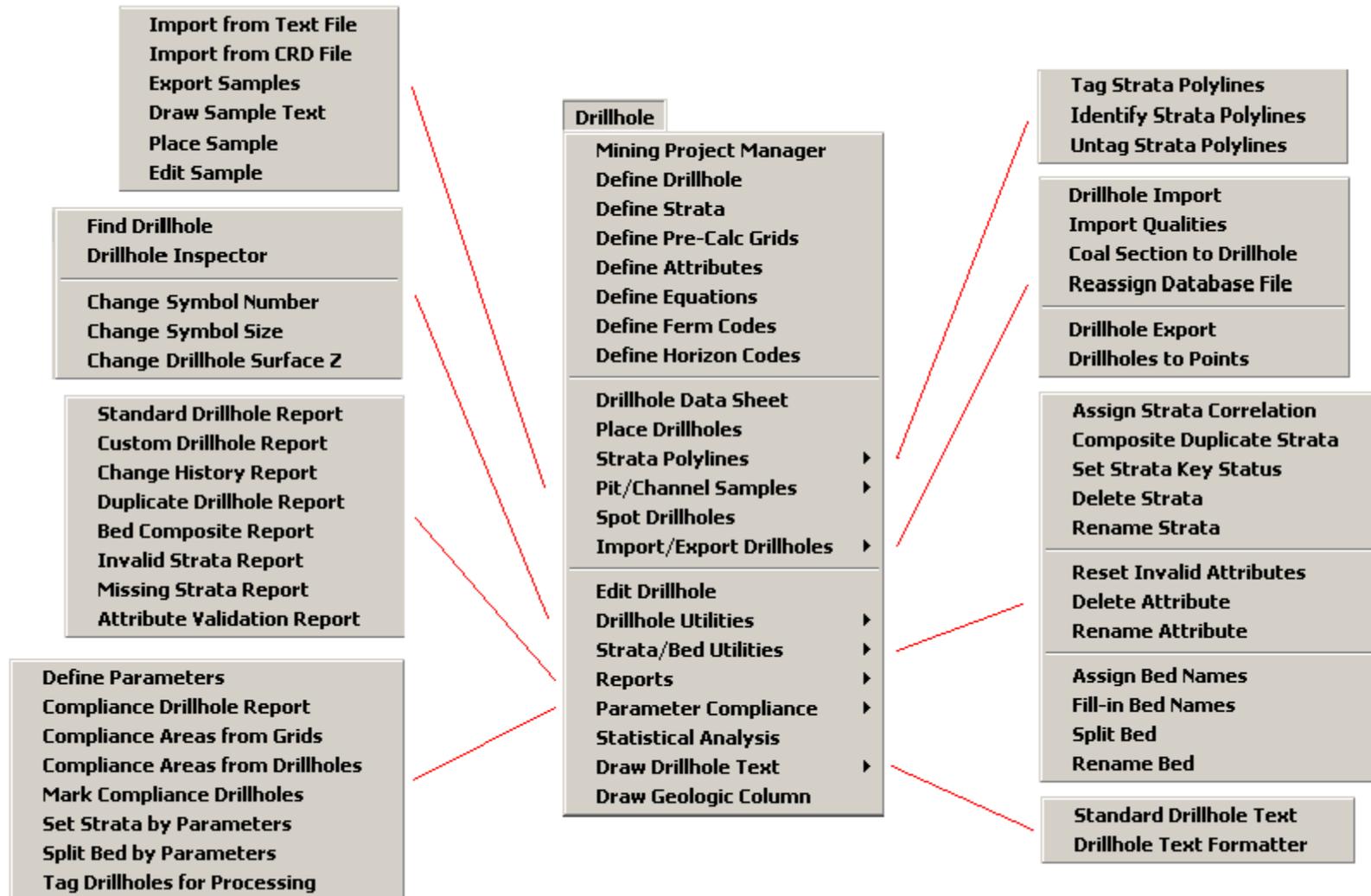
Standard Mining Module Installed With Advanced Mining Module

Notes	Works	Surface
<ul style="list-style-type: none">Insert Point SymbolsInsert Mining SymbolsLocate by BearingLocate by Azimuth	<ul style="list-style-type: none">Basic ProjectionsAdvanced ProjectionsProjections & Ventilation RoomsLabel Proj. DistancesPanel Label BlockRoom Label Block	<ul style="list-style-type: none">Draw 3DPoly PerimeterDraw 3DPoly Base BarrierCalculate Stockpile VolumesVertical Pit QuantitiesUpdate Grid FileDrag Line Pits
<ul style="list-style-type: none">Mine Note DefaultsMine Note Left/Right/FaceMine Note Auto Left/RightMine Note from CoORD FileMine Note on CenterlineOffsets from ASCII file	<ul style="list-style-type: none">Draw OutlineDraw PerimeterDraw PillarsHighlight Unclosed PlinesChamfer PillarsAutoMine ConnectionsAuto-Connect PillarsPillar CutBoundary Enclosure	<ul style="list-style-type: none">Design Bench PondDesign Valley PondPond Stage Storage CurveRegrade Backfill
<ul style="list-style-type: none">Add Core HoleBench MarksBottom Elev PointsRevise Bottom Elev PointsMine NameSection NameStoppingsEscapeways (solid circle)Takeup DateN-E Line	<ul style="list-style-type: none">Configure Section InfoPlace Coal SectionsEdit Coal SectionsQuantities by Avg MethodQuantities by Grid MethodQuantities by CenterlinesReport Tons & Acres	

Advanced Mining Module – Boundary, Underground and Surface



Advanced Mining Module (Continued) - Drillhole



Advanced Mining Module (Continued) – StrataCalc

