

Hole Summaries

The LogCheck Hole Summary facility examines the data stored in LogCheck for a hole and then summarizes it:

Hole Name <input type="text" value="AVC030C"/>		Survey Survey Co. <input type="text" value=""/> Survey Date <input type="text" value="- -"/> Accuracy <input type="text" value="S"/>			Drilling Drilling Company <input type="text" value="ACM"/> Rig Type <input type="text" value="E60"/>		Geology Geological Organiz. <input type="text" value="RES"/> Geotech. Log <input type="checkbox"/> Core Photos <input type="checkbox"/>																																												
Site Id <input type="text" value="AVC030C"/>		Zone <input type="text" value="55"/> Easting (AMG) <input type="text" value="640790.38"/> Northing (AMG) <input type="text" value="7341424.29"/>			Date Started <input type="text" value="08-02-2004"/>		Logging Geologist <input type="text" value="SJE, JCI"/>																																												
Hole Type <input type="text" value="PC"/> Hole Purposes <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>		Height Datum <input type="text" value=""/> Elevation <input type="text" value="212.42"/>			Date Completed <input type="text" value="27-02-2004"/>		Horizon, Strat, Seam Summary <table border="1"> <thead> <tr> <th></th> <th>Unit</th> <th>From</th> <th>To</th> <th>Thick</th> </tr> </thead> <tbody> <tr> <td>▶</td> <td>BUTE</td> <td>-</td> <td>113.50</td> <td>-</td> </tr> <tr> <td></td> <td>BHWE</td> <td>-</td> <td>114.50</td> <td>-</td> </tr> <tr> <td></td> <td>WK2</td> <td>294.95</td> <td>297.64</td> <td>2.69</td> </tr> </tbody> </table>				Unit	From	To	Thick	▶	BUTE	-	113.50	-		BHWE	-	114.50	-		WK2	294.95	297.64	2.69																						
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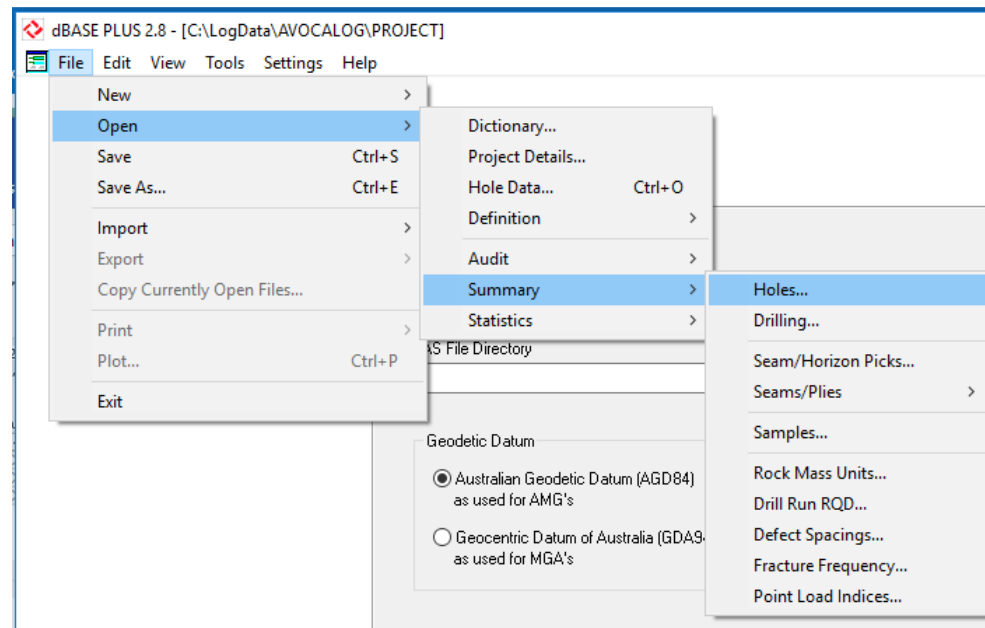
Geophysics Logging Co. <input type="text" value="WEA"/> Logger's Name <input type="text" value=""/>							Logs Run <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																																		
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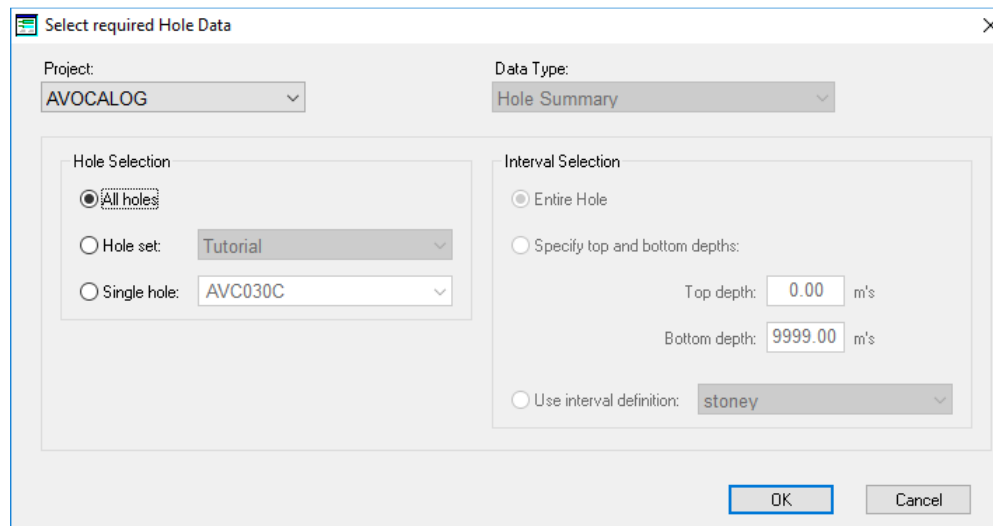
It obtains hole identification and survey data from the hole Header data. Drilling information including drilling company, dates, bittypes, core and hole sizes from the Drilling data. Casing information from the Casing data. Geology information including geological logging organization, geologists and tops and bottoms of seams and horizons intersected from the Header, Geologists and Geology data. Geophysical log information from the Header and LAS data. Environmental information from the Header, Cementing and Rehabilitation data.

One advantage of the Geophysical Summary is that it not only shows a record of what Logs were Run according to the geologist but also what LAS data has been received thus facilitating a check that LAS data has been received for every Log that the Geologist believes was run.

To create Hole Summaries and display them on your screen. Select File > Open > Summary > Holes:



Then select the hole or holes you require. This can be All holes, those in a particular Hole set or a Single hole:



If you select multiple holes, only the first hole in your selection will appear on the screen but you can hit the down arrow by the Hole Name box and select any other hole in your set:

The screenshot shows the dBASE PLUS 2.8 application window with the title bar "dBASE PLUS 2.8 - [C:\LogData\AVOCALOG\HOLESUMMARY\ALL_HOLES (ReadOnly)]". The menu bar includes File, Edit, View, Tools, Settings, and Help. The main form is divided into several sections:

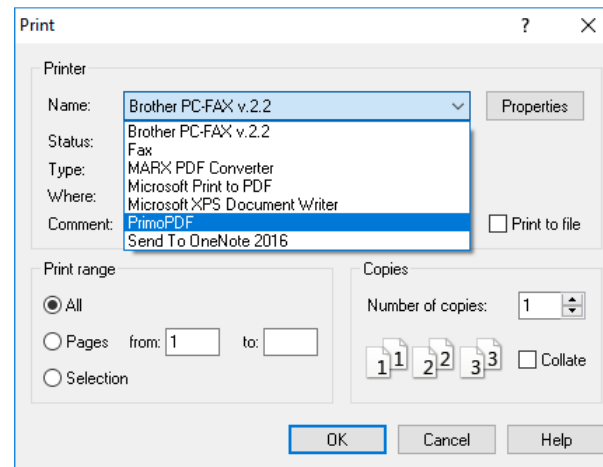
- Hole Name:** A dropdown menu is open, showing a list of hole identifiers: AVC036C (selected), AVC030C, AVC031C, AVC032, AVC033, AVC034, AVC035, AVC036C, AVC037R, AVC038, and AVC039.
- Survey:** Fields for Survey Co., Survey Date, Accuracy, Zone (55), Easting (AMG) (642528.45), Northing (AMG) (7345512.24), Height Datum, Elevation (191.92), Inclination (-90), and Azimuth (0).
- Drilling:** Fields for Drilling Company (JDD), Date Started, Date Completed, Total Depth (240.14), and Casing (CalcThick, From).
- Comments:** A text area at the bottom left.

You can even click on the Hole Name box and then press the up or down arrows to move between holes which will update the screen as you go.

The information in the summary can also be generated into a report that can be printed or saved as a pdf file. To generate this report, select File > Print > Report:

The screenshot shows the same dBASE PLUS 2.8 application window, but with the File menu open. The menu path "File > Print > Report..." is highlighted. The "Print" option is selected, and its submenu is visible, showing "Data..." and "Report...". The background form is partially visible behind the menu.

Then you will be prompted for the required printer. To generate it as a pdf select a pdf writer as your printer:



On the following page is an example report. Note that if you can supply us with your company logo it will be shown on the report rather than the GeoCheck company logo.

Avoca Project Hole Summary

Hole: AVC030C

IDENTIFICATION

Site Id: AVC030C
Hole Type: Partly cored
Hole Purposes:
Redrill of Hole No.:

LOCATION

Survey Co.: Zone: 55
Survey Date: Easting (AMG): 640790.38
Accuracy: Surveyed Northing (AMG): 7341424.29
Height Datum: Elevation: 212.42

DRILLING

Drilling Company: A.C.M. Exploration
Rig Type: Edson 6000W
Date Started: 08-02-2004 Inclin: -90°
Date Completed: 27-02-2004 Azimuth: 0°
Total Depth: 303.80m

Bit Summary:

Base Depth	Bit Type	Drill Size Name	Core Size (mm)	Hole Size (mm)
28.00	Blade bit			254
28.50	Blade bit			165
85.00	Hammer			165
114.00	Polycrystalline Diamond Bit			165
284.99	Polycrystalline Diamond Bit			120
303.80	Diamond coring bit		63	70

GEOLOGY

Geological Organiz.: Resolve Geological Geotech. Log: No
Logging Geologist: SJE, JCI Core Photos: No

Horizons, Strats & Seams:

Unit Name	From Depth	To Depth	Thick.
BUTE		113.50	
BHWE		114.50	
WK2	294.95	297.64	2.69

CASING

Calculated Length (m)	From Depth (m)	To Depth (m)	Casing Material	Casing Type	Casing Name	Outside Casing Diameter (mm)	Inside Casing Diameter (mm)	Casing Grout	Casing Retrieved (m)
114.00	0.00	114.00	Steel			127			

GEOPHYSICS

Logging Co.: Weatherford Logging Service Logger's Name:
Logs Run: Caliper, Density, Natural Gamma, Sonic, Verticality
Las File Summary:

File Name	From Depth	To Depth	Depth Increment	Date Logged	Geophysical Traces
AVC030C_GN	0.01	304.00	0.01	28-02-2004	GRDE, CODE, LSDU, BRDU, CADE, DENL, DENB, DEPO, ADEN, MC2F, MC4F, MC6F, MC2A, SPOR, MC2U
AVC030C_VT	2.00	304.00	0.00	28-02-2004	TDEP, TILD, AZID, AXLN, AXLE, BBRG, BRAD, BRG1, RAD1, BRG2, RAD2, BRG3, RAD3, BRG4, RAD4
AVC030GV_C	2.10	318.00	0.10	07-03-2003	TILD, AZID

ENVIRONMENTAL

SWL:

SWL Date:

Cementing:

Calculated Thickness	From Depth	To Depth	Date	Cementing Method	Volume (m**3)
300.0	200.0	300.0	01-02-2014		12.000
-100.0	100.0	200.0	02-02-2014		15.000

Rehab. Date:

Hole Status:

Rehabilitation:

Action Date	Action
01-02-2013	bought in bulldozer and cleared a 100 metre radius around hole
02-02-2013	piled all the wood into a pile
	set it alight
01-01-2014	planted a number of eucalypts

COMMENTS

Requires cementing.