

# DIAMOND DRILL HOLE

019030

## CALCULATION SHEET

Backsight Station Fore-sight	(B.S.) (I.S.) (F.S.)	1423 82006 81-AX-01 ✓	1424 1423 81-AX-02 ✓	1423 1404 81-AX-05 ✓
Sta. Elev H.I. H.P. Vert. Dist. DDM. Elev.		1283.882 ✓ + 1.478 - 1.219 - 13.390 1270.751	1276.447 ✓ + 1.152 - 1.515 + 4.844 1280.928	1300.062 ✓ + 1.320 - 1.829 - 11.069 1288.484
Az. BS → Sta. + 180° Az. Sta → BS + Horiz. ∠ Az. STA. → FS.		47-59-05 180-00-00 227-59-05 ✓ 244-30-57 112°-30'-02" ✓	180-00-00 350-59-53 ✓ 68-06-51 59° 06' 44" ✓	120-00-00 261-52-24 ✓ 359-58-41 261° 51' 05" ✓
Meas. Horiz. Dist.		311.26	1204.484	190.917
Sta. Northing Lat. (ΔN) F.S. Northing		6904772.299 - 119.117 ✓ 6904653.182 ✓	6904386.451 ✓ + 618.332 ✓ 6905004.783 ✓	6904623.172 - 27.061 ✓ 6904596.111 ✓
Sta. Easting Dep. (ΔE) F.S. Easting		592618.548 + 287.566 592906.114 ✓	592190.211 ✓ + 1033.657 ✓ 593223.868 ✓	593847.979 - 188.989 593658.990 ✓

Date 29.07.82  
 Calc. by CTJ  
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# DIAMOND DRILL HOLE

## CALCULATION SHEET

Backsight Station	(B.S.)	1423	1423	1423
Station	(S.St.)	82005	82005	82005
Fore-sight	(F.S.)	82-A-218 ✓	82-A-219 ✓	82-A-220 ✓
Sta. Elev		1270.786	1270.786	1270.786
H.I		+1.335	+1.335	+1.335
H.P.		-1.219	-1.219	-1.219
Vert. Dist.		+0.500	+1.590	-4.68
DDH. Elev.		1271.402	1272.492	1266.222
Ang. BS. → Sta. + 180°		63° 35' 39"		
Ang. Sta → BS + Horiz. <		180-00-00	180-00-00	180-00-00
Ang. Sta. → FS.		243-35-39	243-35-39	243-35-39
		68-26-45	193-08-59 ✓	287-44-41 ✓
		312° 02' 24" ✓	76° 44' 38" ✓	171° 20' 20" ✓
Meas. Horiz. Dist.		20.000	72.480	50.390
Sta. Northing		6,904,606.496	6,904,606.496	6,904,606.496
Lat. (ΔN)		+ 15.393	+ 16.620 ✓	- 49.815
F.S. Northing		6,904,619.889 ✓	6,904,623.116 ✓	6,904,556.681 ✓
Sta. Easting		592,633.406	592,603.406	592,603.406
Dep. (ΔE)		- 14.854	70.549	+ 7.588
F.S. Easting		592,618.552 ✓	592,673.955 ✓	592,610.994 ✓

Date

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# DIAMOND DRILL HOLE

## CALCULATION SHEET

Backsight Station Fore-sight	(B.S.) (Sta.) (F.S.)	1423 82005 82-A-221 ✓	1423 82005 82-A-222 ✓	1423 82005 82-A-223 ✓
Sta. Elev		1270.786	1270.786	1270.786
H.I		+1.335	+1.335	+1.335
H.P.		-1.219	-1.219	-1.219
Vert. Dist.		-2.370	-6.100	-7.110
DDL Elev.		1268.532	1264.802	1263.792
Az. BS → Sta. + 180°		180-00-00	180-00-00	180-00-00
Az. Sta → BS + Horiz. <		243-35-39	243-35-39	243-35-39
Az. Sta → FS.		10-33-09 ✓	305-19-27 ✓	314-56-30 ✓
		254°-08'-48" ✓	188°-55'-06" ✓	198°-32'-09" ✓
Meas. Horiz. Dist.		37.590 ✓	72.420 ✓	99.070 ✓
Sta. Northing		6,904,606.496	6,904,606.496	6,904,606.496
Lat. (ΔN)		- 10.269	- 71.544	- 93.931
F.S. Northing		6,904,596.227 ✓	6,904,534.952 ✓	6,904,512.565 ✓
Sta. Easting		592,633.406	592,633.406	592,633.406
Dep. (ΔE)		- 36.160	- 11.227	- 31.494
F.S. Easting		592,597.246 ✓	592,622.179 ✓	592,601.912 ✓

Date 29.07.82  
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# DIAMOND DRILL HOLE

## CALCULATION SHEET

Backsight Station	(B.S.)	1423	1423	1423
Station	(Sta.)	82005	82005	82006
Foresight	(F.S.)	82A224 ✓	82A225 ✓	# 82A217 ✓
Sta. Elev		1270.786	1270.786	1283.832
H.I		+1.335	+1.335	+ 1.375
H.P.		-1.219	-1.219	- 1.219
Vert. Dist.		- 6.870	- 0.610	- 6.050
DDM. Elev.		1264.032	1270.292	1277.988
Az. BS. → Sta.				47° 59' 05"
+ 180°		180-00-00	180-00-00	120-00-00
Az. Sta → BS		243-35-39	243-35-39	227° 59' 05"
+ Horiz. ↙		350-59-21 ✓	47-26-57 ✓	222° 05' 51" ✓
Az. Sta. → F.S.		234° 35' 00" ✓	291° 02' 36" ✓	90° 04' 56" ✓
Meas. Horiz. Dist.		93.030 ✓	85.57 ✓	58.96 ✓
Sta. Northing		6,904,606.496	6,904,606.496	6,904.772.299
Lat. (ΔN)		- 53.913 ✓	+ 30.726	- 0.085
F.S. Northing		6,904,552.583	6,904,637.222	6,904.772.214 ✓
Sta. Easting		592,633.406	592,633.406	592,618.543
Dep. (ΔE)		- 75.816 ✓	- 79.863 ✓	+ 58.960
F.S. Easting		592,557.590 ✓	592,553.543 ✓	592,677.503 ✓

Date 29.07.82

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# DIAMOND DRILL HOLE

## CALCULATION SHEET

Backsight Station Fore-sight	(B.S.) (Sta.) (F.S.)			
		82004	82004	82004
		82003	82003	82003
		DDH 228 ✓	DDH 227 ✓	DDH 235 ✓
Sta. Elev		✓ 1309.731	✓ 1309.731	✓ 1309.731
H.I		✓ + 1.433	✓ + 1.433	✓ + 1.433
H.P.		✓ - 1.219	✓ - 1.219	✓ - 1.219
Vert. Dist.		✓ - 6.740	✓ - 8.630	✓ - 6.770
DDH. Elev.		✓ 1303.205	✓ 1301.315	✓ 1303.175
Az. BS → Sta. + 180°		43° 59' 47"	43° 59' 47"	43° 59' 47"
		180-00-00	180-00-00	180-00-00
Az. Sta → BS + Horiz. ←		✓ 223° 59' 47"	✓ 223° 59' 47"	✓ 223° 59' 47"
		✓ 242° 42' 12"	✓ 265° 44' 32"	✓ 263° 51' 47"
Az. Sta. → FS.		✓ 106° 41' 59"	✓ 129° 44' 19"	✓ 127° 51' 34"
Meas. Horiz. Dist.		✓ 84.15	✓ 127.11	✓ 77.14
Sta. Northing		6,905,356.278 ✓	6,905,356.278 ✓	6,905,356.278
Lat. (ΔN)		- 24.181 ✓	- 81.260 ✓	- 47.343 ✓
F.S. Northing		6,905,332.097 ✓	6,905,275.018 ✓	6,905,308.935
Sta. Easting		592,205.738 ✓	592,205.738 ✓	592,205.738
Dep. (ΔE)		+ 80.601 ✓	+ 97.744 ✓	+ 60.903 ✓
F.S. Easting		592,286.339 ✓	592,303.482 ✓	592,266.641 ✓

Date JULY 29/82  
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# DIAMOND DRILL HOLE

## CALCULATION SHEET

Backsight Station	(B.S.)	82004	82004	82004
Station	(Sta.)	82003	82003	82003
Fore-sight	(F.S.)	DDH # 231 ✓	DDH # 232 ✓	DDH # 230 ✓
Sta. Elev		✓ 1309.731 ✓	✓ 1309.731	✓ 1309.731
H.I		+ 1.433 ✓	+ 1.433 ✓	+ 1.433 ✓
H.P.		- 1.219 ✓	- 1.219 ✓	- 1.219 ✓
Vert. Dist.		- 1.090 ✓	+ 0.08 ✓	- 2.950 ✓
DDL Elev.		1308.855 ✓	1310.025 ✓	1306.995 ✓
Az. BS → Sta.		43° 59' 47"	43° 59' 47"	43° 59' 47"
+ 180°		180-00-00	180-00-00	180-00-00
Az. Sta → BS		✓ 223° 59' 47"	✓ 223° 59' 47"	✓ 223° 59' 47"
+ Horiz. <		✓ 154° 55' 15"	✓ 144° 39' 03"	✓ 191° 38' 42"
Az. Sta. → F.S.		✓ 18° 55' 02"	✓ 008° 38' 50"	✓ 55° 38' 29"
Meas. Horiz. Dist.		✓ 106.97 ✓	✓ 79.88 ✓	✓ 68.51 ✓
Sta. Northing		6,905,356.278 ✓	6,905,356.278 ✓	6,905,356.278 ✓
Lat. (ΔN)		+ 101.192 ✓	+ 78.972 ✓	+ 38.665 ✓
F.S. Northing		✓ 6,905,457.470 ✓	✓ 6,905,435.250 ✓	✓ 6,905,394.943 ✓
Sta. Easting		592,205.738 ✓	592,205.738 ✓	592,205.738 ✓
Dep. (ΔE)		+ 34.680 ✓	+ 12.010 ✓	+ 56.556 ✓
F.S. Easting		✓ 592,240.418 ✓	✓ 592,217.748 ✓	✓ 592,262.294 ✓

Date

July 29 / 82

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# DIAMOND DRILL HOLE

## CALCULATION SHEET

Backsight Station Fore sight	(B.S.) (Sta.) (F.S.)	82004 82003 DDH # 233 ✓	82004 82003 DDH 229 ✓	82004 82003 DDH 234 ✓
Sta. Elev		✓ 1309.731	✓ 1309.731	✓ 1309.731
H.I		✓ + 1.433	✓ + 1.433	✓ + 1.433
H.P.		✓ - 1.219	✓ - 1.219	✓ - 1.219
Vert. Dist.		✓ - 3.020	✓ - 5.910	✓ - 6.970
DDH. Elev.		✓ 1306.925	✓ 1304.035	✓ 1302.975
Ag. BS. → Sta. + 180°		43° 59' 47"	43° 59' 47"	43° 59' 47"
		180-00-00	180-00-00	180-00-00
Ag. Sta → BS + Horiz. ←		✓ 223° 59' 47"	✓ 223° 59' 47"	✓ 223° 59' 47"
Ag. Sta. → FS.		✓ 203° 17' 23"	✓ 216° 11' 53"	✓ 227° 45' 51"
		✓ 67° 17' 10"	✓ 80° 11' 40"	✓ 91° 45' 38"
Meas. Horiz. Dist.		✓ 39.70	✓ 123.07	✓ 102.15
Sta. Northing		6,905,356.278 ✓	6,905,356.278 ✓	6,905,356.278 ✓
Lat. (ΔN)		✓ + 15.329 ✓	✓ + 20.959 ✓	✓ - 3.138 ✓
F.S. Northing		6,905,371.607 ✓	6,905,377.237 ✓	6,905,353.140 ✓
Sta. Easting		592,205.738 ✓	592,205.738 ✓	592,205.738 ✓
Dep. (ΔE)		✓ + 36.621 ✓	✓ + 121.272 ✓	✓ + 102.102 ✓
F.S. Easting		✓ 592,242.359 ✓	✓ 592,327.010 ✓	✓ 592,307.840 ✓

Date July 30/82  
 Calc. by MC  
 Chkd. by CT  
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# DIAMOND DRILL HOLE

## CALCULATION SHEET

Backsight Station Fore sight	(B.S.) (Sta.) (F.S.)			
		82004	82003	1422
		82003	82004	82002
		DDH 236 ✓	DDH 237 ✓	DDH # 239 ✓
Sta. Elev		✓ 1309.731	1313.296 ✓	1300.267 ✓
H.I.		✓ + 1.433	+ 1.366 ✓	✓ + 1.338
H.P.		✓ - 1.219	- 1.219 ✓	✓ - 1.219
Vert. Dist.		✓ - 5.960	- 5.250 ✓	✓ - 0.698
DDH. Elev.		✓ 1303.985	1308.193 ✓	✓ 1299.688
Az. BS. → Sta.		43° 59' 47"	223° 59' 47"	21° 14' 25"
+ 180°		180-00-00	180-00-00	180-00-00
Az. Sta. → BS		✓ 223° 59' 47"	✓ 43° 59' 47"	✓ 201° 14' 25"
+ Horiz. ←		✓ 1303° 15' 54"	✓ 05° 21' 03"	✓ 116° 24' 23"
Az. Sta. → FS.		✓ 167° 15' 41"	✓ 49° 20' 50"	✓ 317° 38' 49"
Meas. Horiz. Dist.		✓ 91.63	151.02 ✓	✓ 93.674
Sta. Northing		6,905,356.278 ✓	6,905,230.144 ✓	6,905,124.154 ✓
Lat. (ΔN.)		- 89.375 ✓	+ 98.386 ✓	+ 69.225 ✓
F.S. Northing		6,905,266.903 ✓	6,905,328.530 ✓	6,905,193.379 ✓
Sta. Easting		592,205.738 ✓	592,083.952 ✓	592,468.476 ✓
Dep. (ΔE)		✓ + 20.205 ✓	+ 114.575 ✓	- 63.108 ✓
F.S. Easting		592,225.943 ✓	592,198.527 ✓	592,405.362 ✓

Date July 29 1982  
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 Chkd. by [Signature]  
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# DIAMOND DRILL HOLE

## CALCULATION SHEET

Backsight Station	(B.S.)	1422	1424	1424
Station	(S.S.)	82002	1423	1423
Fore-sight	(F.S.)	DDH 238 ✓	DDH 240 ✓	DDH 226 ✓
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Sta. Elev		1300.267 ✓	1276.447 ✓	1276.447 ✓
H.I		+ 1.338 ✓	+ 1.131 ✓	+ 1.241 ✓
H.P.		- 1.219 ✓	- 1.503 ✓	- 1.268 ✓
Vert. Dist.		+ 0.306 ✓	+ 13.410 ✓	- 13.620 ✓
DDH. Elev.		1300.692	1289.485 ✓	1262.800 ✓
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Az. BS. → Sta.		21° 14' 25"	170° 59' 53"	170° 59' 53"
+ 180°		180-00-00	180-00-00	180-00-00
Az. Sta → BS		✓ 201° 14' 25"	✓ 350° 59' 53"	✓ 350° 59' 53"
+ Horiz. ∠		✓ 110° 57' 30"	✓ 30° 50' 17"	✓ 87° 51' 48"
Az. Sta. → F.S.		✓ 312° 11' 55"	✓ 21° 50' 10"	✓ 78° 51' 41"
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Meas. Horiz. Dist.		✓ 153.044 ✓	✓ 587.365 ✓	✓ 573.39 ✓
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Sta. Northing		6,905,124.154 ✓	6,904,386.451 ✓	6,904,386.451 ✓
Lat. (ΔN)		+ 102.800 ✓	+ 545.222 ✓	+ 110.769 ✓
F.S. Northing		6,905,226.954 ✓	6,904,931.673 ✓	6,904,497.220 ✓
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Sta. Easting		592,468.470 ✓	592,190.211 ✓	592,190.211 ✓
Dep. (ΔE)		- 113.378 ✓	+ 218.472 ✓	+ 562.589 ✓
F.S. Easting		592,355.092 ✓	592,408.683 ✓	592,752.800 ✓

Date

July 29 / 82

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# DIAMOND DRILL HOLE

## CALCULATION SHEET

Backsight Station Fore-sight	(B.S.) (I.S.) (F.S.)	1423 82007 DDH V 167 ✓	1423 82006 82 A 241 ✓	
Sta. Elev		1295.214 ✓	1283.882 ✓	
H.I.		+ 1.329	+ 1.408	
H.P.		- 1.219	- 1.445	
Vert. Dist.		- 7.420	+ 0.965	
DDH. Elev.		1287.904	1284.81	
Az. BS. → Sta. + 180°		61° 41' 07"	47° 59' 05"	
Az. Sta → BS + Horiz. <		180-00-00	180-00-00	180-00-00
Az. Sta. → BS		241° 41' 07"	221-59-05	
Az. Sta. → FS.		✓ 13° 32' 24"	✓ 73-40-45	
		✓ 255° 13' 31"	✓ 301-39-50	
Meas. Horiz. Dist.		✓ 95.83	✓ 141.941	
Sta. Northing		6,904,870.353	6,904,772.299	
Lat. (ΔN.)		- 24.438	+ 74.510	
F.S. Northing		6,904,845.920	✓ 6,904,846.809	
Sta. Easting		593,088.352 ✓	592,618.548	
Dep. (ΔE)		- 92.661 ✓	- 120.812	
F.S. Easting		593,181.013	✓ 592,497.736	
		592,995.691		

Date

29/30.07.08

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