

SURVEYING AND MAPPING DIVISION
Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 29.85828 dms
Longitude 114 03 56.64361 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-08
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 8664
Tablet Markings 664-4.103
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1099.564 m
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 93-12-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5665422.983 m
Easting -4601.532 m
Convergence -0 03 04.23 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
285122 2125.9	103.175	1 116/2	0.999738	97 00 18.98	5.6	0.00
99788 664-4.181	187.893	1 64/2	0.999728	267 46 20.92	4.1	0.00
157776 664-4.162	198.003	1 76/2	0.999733	78 13 07.07	4.6	0.00
184309 664-4.93	225.194	1 71/2	0.999733	178 49 39.75	6.1	0.00
295766 664-4.163	279.726	1 54/2	0.999732	51 35 33.20	4.4	0.00
227397 664-4.96	299.154	1 53/2	0.999732	141 11 49.30	4.2	0.00

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev
Meridian Defl, XI(+N) 2.3 s 2 s
Prime Vert Defl, ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.31 m 1 m

MARKER TYPE

Updated: 1994-03-23

ASC BRASS TABLET ON TOP OF 2"X10" STEEL PIPE.
20 CM BGL.

COORDINATE HISTORY HORZ VERT

Originating Project 74114 74114
Published 74-08-01 74-08-01

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project 81018
Published 82-08-19
Revising Project
Published

MARKER LOCATION

Updated: 1994-03-23

ON NE COR. OF THE NE LEG OF HUNTHAM RD. N.E.; 0.90 M S OF F.O.C. PROD. E;
3.0 M W OF F.OF SEP.W; 1.3 M NE OF F.O.C. ON CURVE; 6.8 M E OF CB. .

NON COORDINATE REVISIONS

1975-01-30 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1993-12-17 1994-03-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT
82-08-19 351 55 45 0.030 m MOVEMENT DETECTED

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 103

99-10-21 0.043 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 4 103