

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 39.40777 dms
Longitude 114 03 27.18604 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-05

ASCM 12823

Tablet Markings 664-0.95

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1084.758 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 86-03-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665717.581 m
Easting -4028.499 m
Convergence -0 02 41.30 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Grid/ Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
240598 664-0.97	166.918	1	60/2 0.999733	76 01 39.76	4.8	0.00
60632 664-4.165	170.012	1	65/2 0.999734	288 45 12.89	3.9	0.00
213173 664-4.216	222.467	1	54/2 0.999734	347 58 02.54	4.5	0.00
126540 664-4.189	287.157	1	49/2 0.999731	277 37 33.38	3.1	0.00
182543 664-0.102	343.916	1	32/2 0.999733	133 10 58.13	2.4	0.00
295766 664-4.163	374.066	1	35/2 0.999731	251 08 36.72	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1984-05-08

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.33 m 1 m

ASC TABLET ON A 7 X 213CM DRIVEN PIPE.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1984-05-08

Originating Project 83011 83011
Published 84-05-10 84-05-10

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

ON NW COR. OF BEDFORD DR. AND BEDFORD RD. NE ,
- 26CM NE OF B.O.SEP.W,
- 3.1M NW OF B.O.W.,PROD. SW,
- 3.25M W OF MIDDLE OF DOUBLE C.B.

NON COORDINATE REVISIONS

1984-05-08 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 0 95

99-10-21

0.039 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 0 95