

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 27.07127 dms
Longitude 114 05 40.62951 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 64-05

ASCM 46128

Tablet Markings 200248

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

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1220.024 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-05-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663485.079 m
Easting -6626.029 m
Convergence -0 04 25.12 dms
Station Ellipsoid Factor 0.999811
Station Combined Factor 0.999712

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
187443 2025.2	385.516	1 52/2	0.999712	25 36 58.82	4.3	-0.01
296483 1925.1	456.153	1 48/2	0.999712	328 42 52.80	4.0	-0.01
155531 2025.1	529.614	1 28/2	0.999715	50 09 14.25	2.0	-0.01
40840 661-4.208	618.068	1 21/1	0.999718	150 23 42.45	1.8	0.01
280925 2025.3	633.190	1 32/2	0.999710	8 45 21.73	2.1	-0.01
233312 661-4.205	634.249	1 19/1	0.999718	121 40 10.78	1.6	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-05-01

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.23 m 1 m

TSC CAP IN REINFORCED CONCRETE CYLINDER

5.0 CM BGL. 91.0 CM SOUTH EAST OF GP.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1994-06-29

Originating Project 63004 63004
Published 70-01-18 70-01-18

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

ON TOP OF A HILL IN NOSE HILL PARK NEAR THE WEST BOUNDARY OF THE NORTH WEST 1/4 SECTION 4-25-1-5; IN LINE WITH THE EAST SIDE OF 14 STREET PRODUCED NORTH; ALSO ON THE EAST SIDE OF AN ABANDONED GRAVEL PIT; 12.8 M EAST OF THE EAST EDGE OF GRAVEL PIT; 5.2 M NORTH WEST OF A NORTH EAST-SOUTHWEST POWER LINE; 17.0 M NORTH WEST OF THE CENTER OF A LARGE LIGHT COLORED ROCK.

NON COORDINATE REVISIONS

1985-12-04 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
MARKER REPORTED IN GOOD CONDITION.

1994-05-27 1994-06-29
1988-11-18 1989-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 4 NGBD # 636160

99-10-21 0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 4 4