

SUPPLEMENTAL INFORMATION

Legend


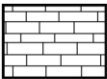

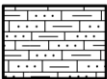

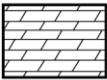

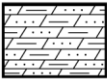

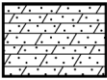

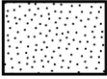

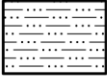


<u>Depositional Environments:</u>	<u>Sedimentary Patterns:</u>
 Alamo Breccia	 Limestone
 Peritidal	 Silty limestone
 Shoreface	 Dolomite
 Channel	 Silty dolomite
 Semi-restricted/restricted, shallow subtidal	 Dolomitic sandstone
 Bioherm	 Sandstone (quartzarenite)
 Open, shallow to intermediate subtidal	 Siltstone
 Deep subtidal	 Breccia

Figure A1. Legend of depositional environments and sedimentary patterns used to describe detailed measured sections.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: GGS3

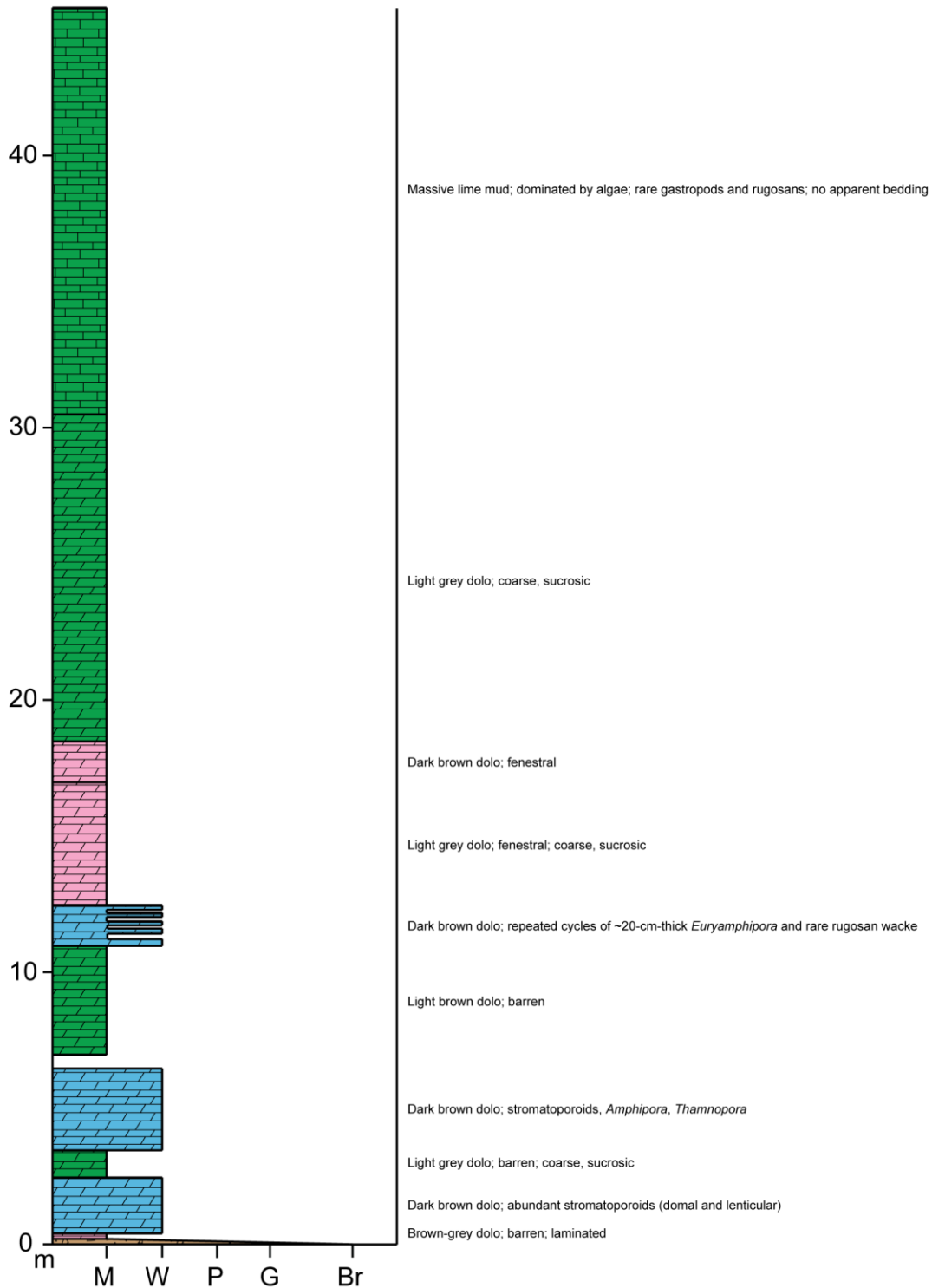


Figure A2. GGS3 detailed measured section.

Figure A3. GGS3 (cont.) detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: MMN4

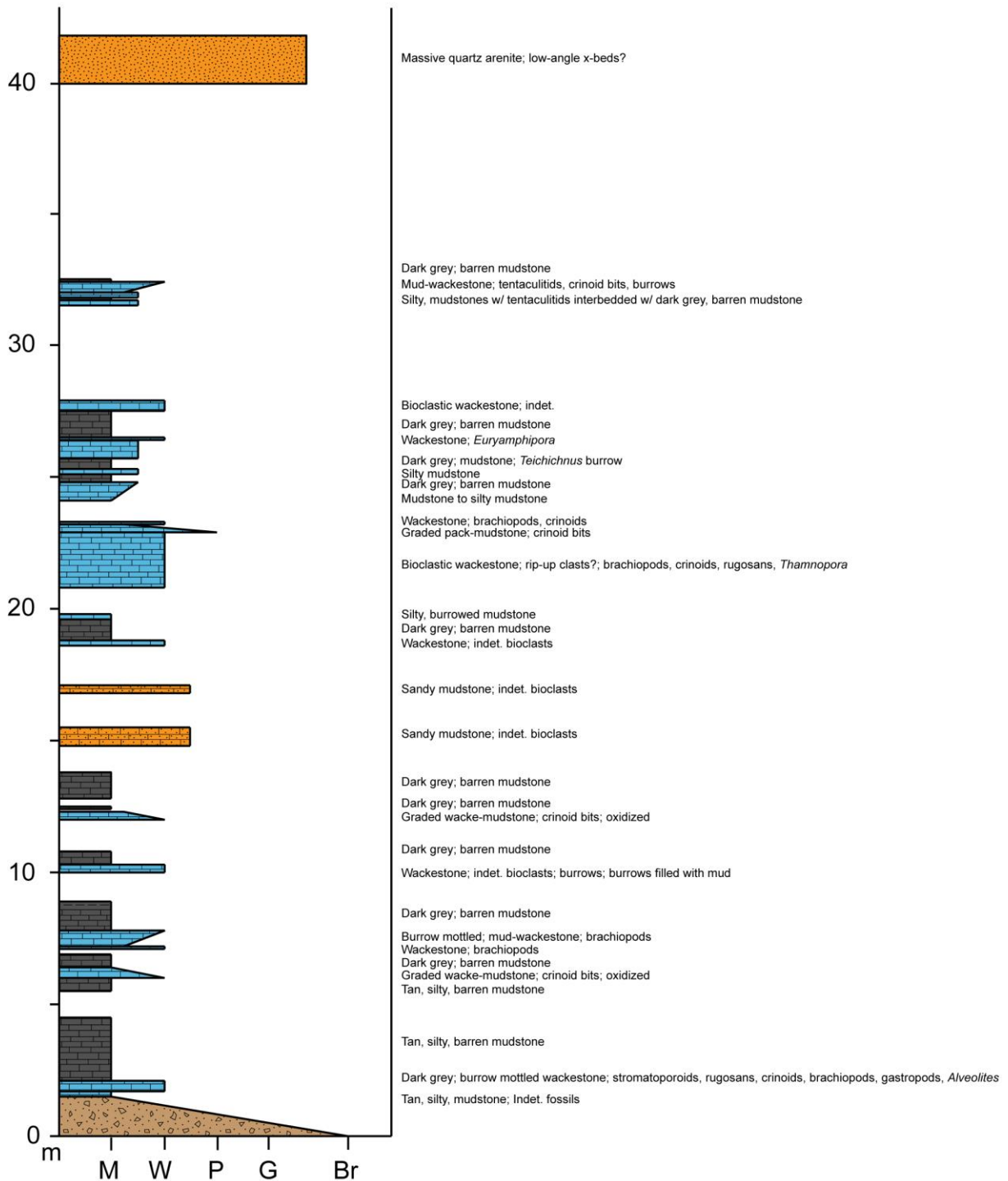


Figure A4. MMN4 detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: MMS2

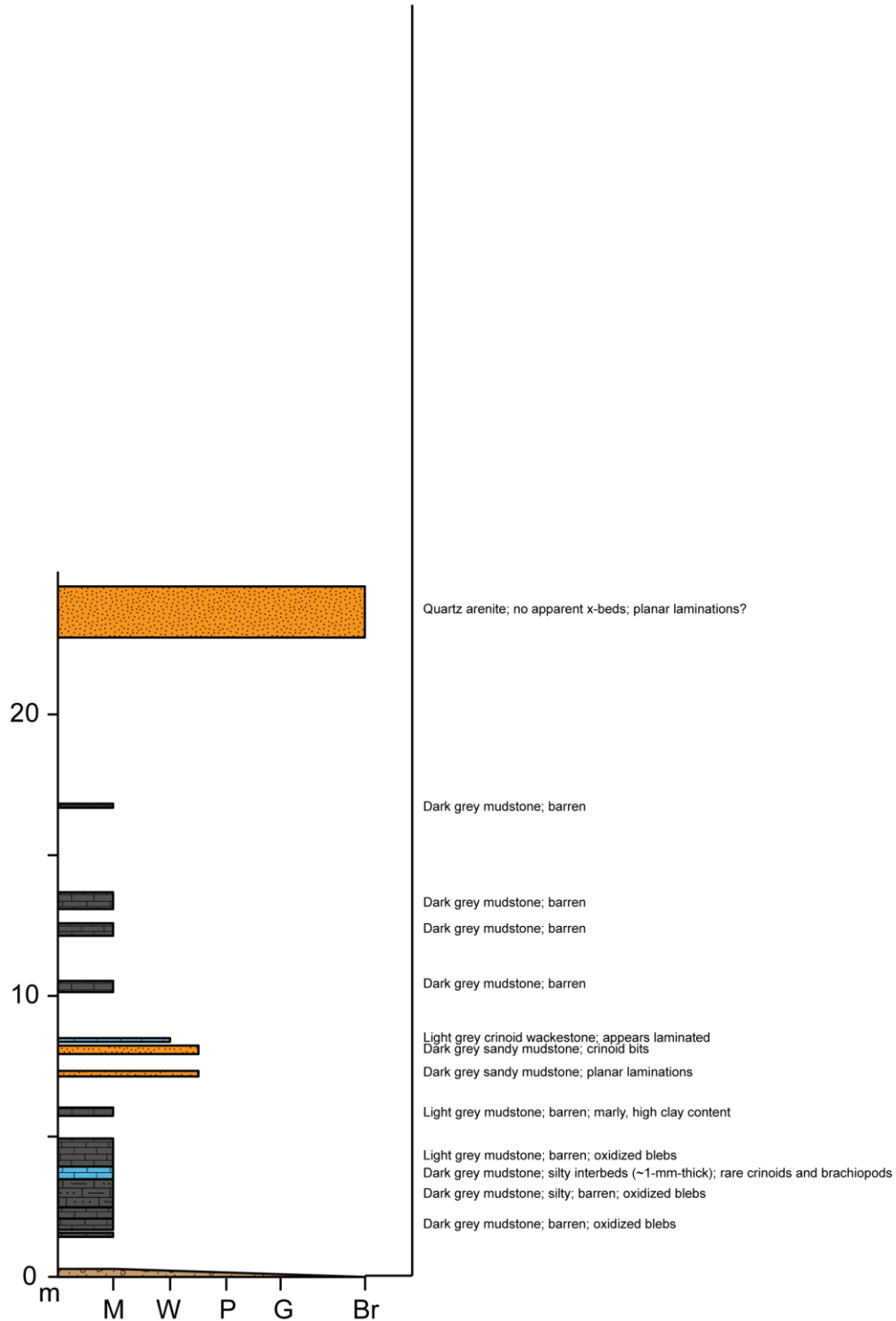


Figure A5. MMS2 detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: PTN0

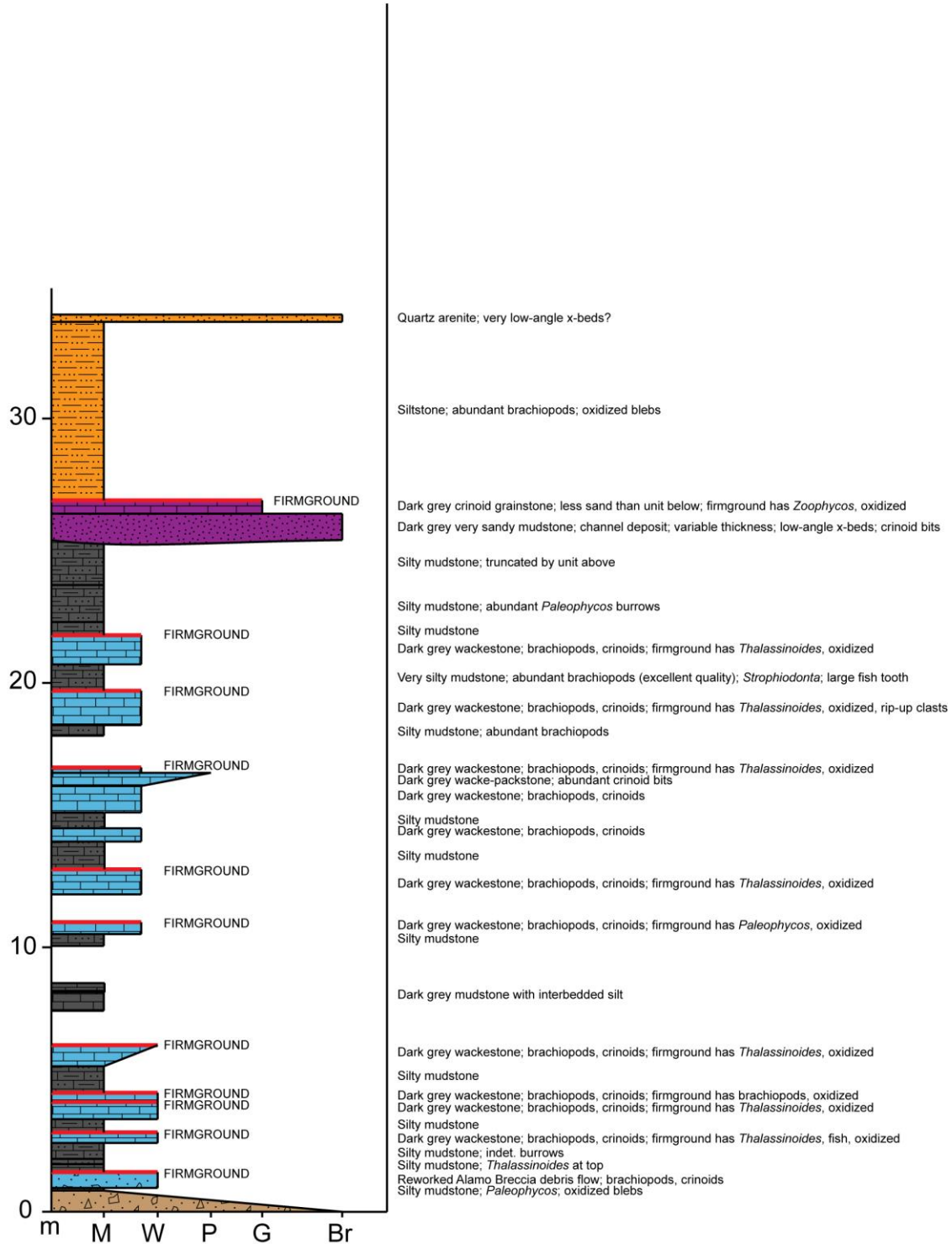


Figure A6. PTN0 detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: HN5

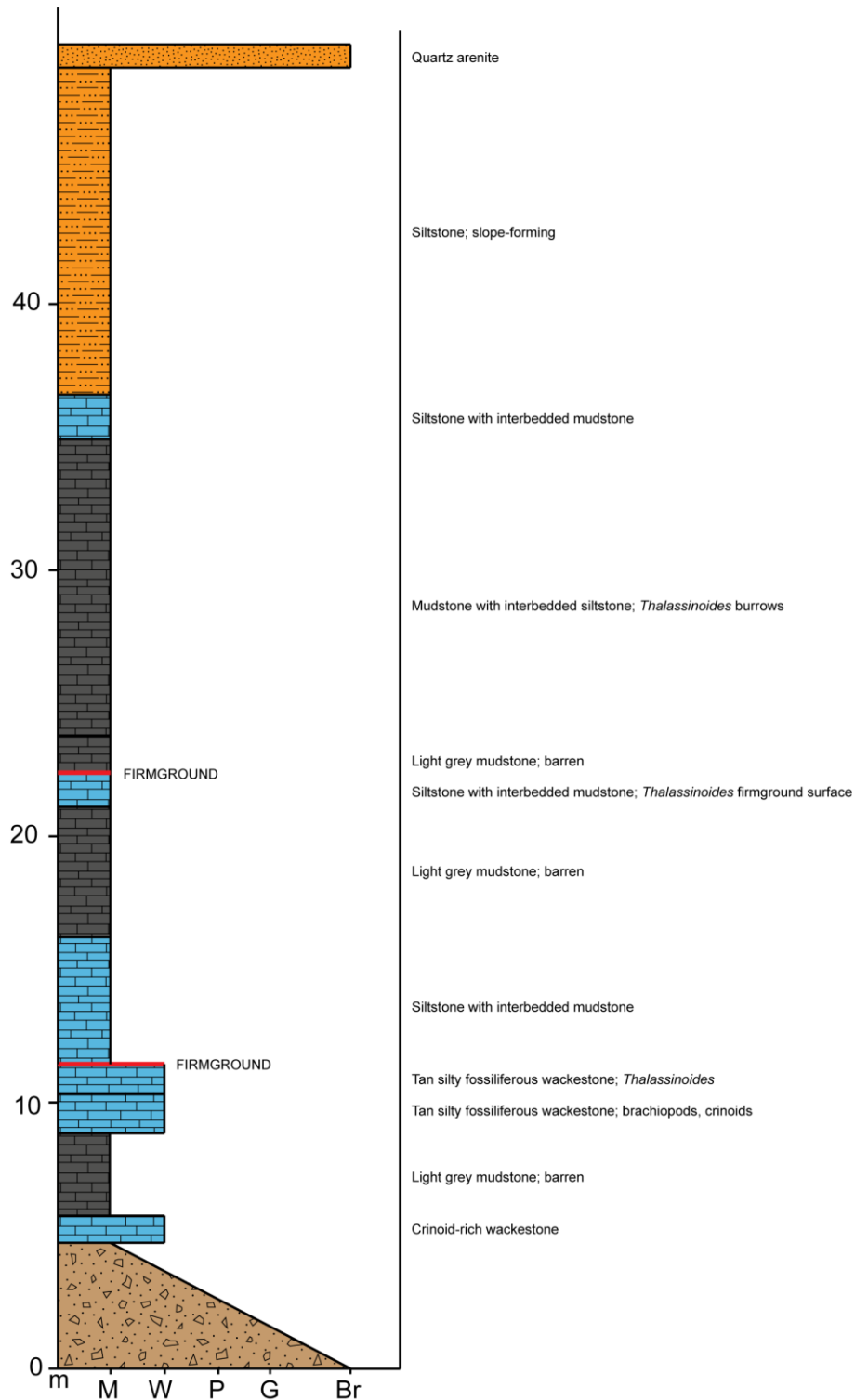


Figure A7. HN5 detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: DDB1

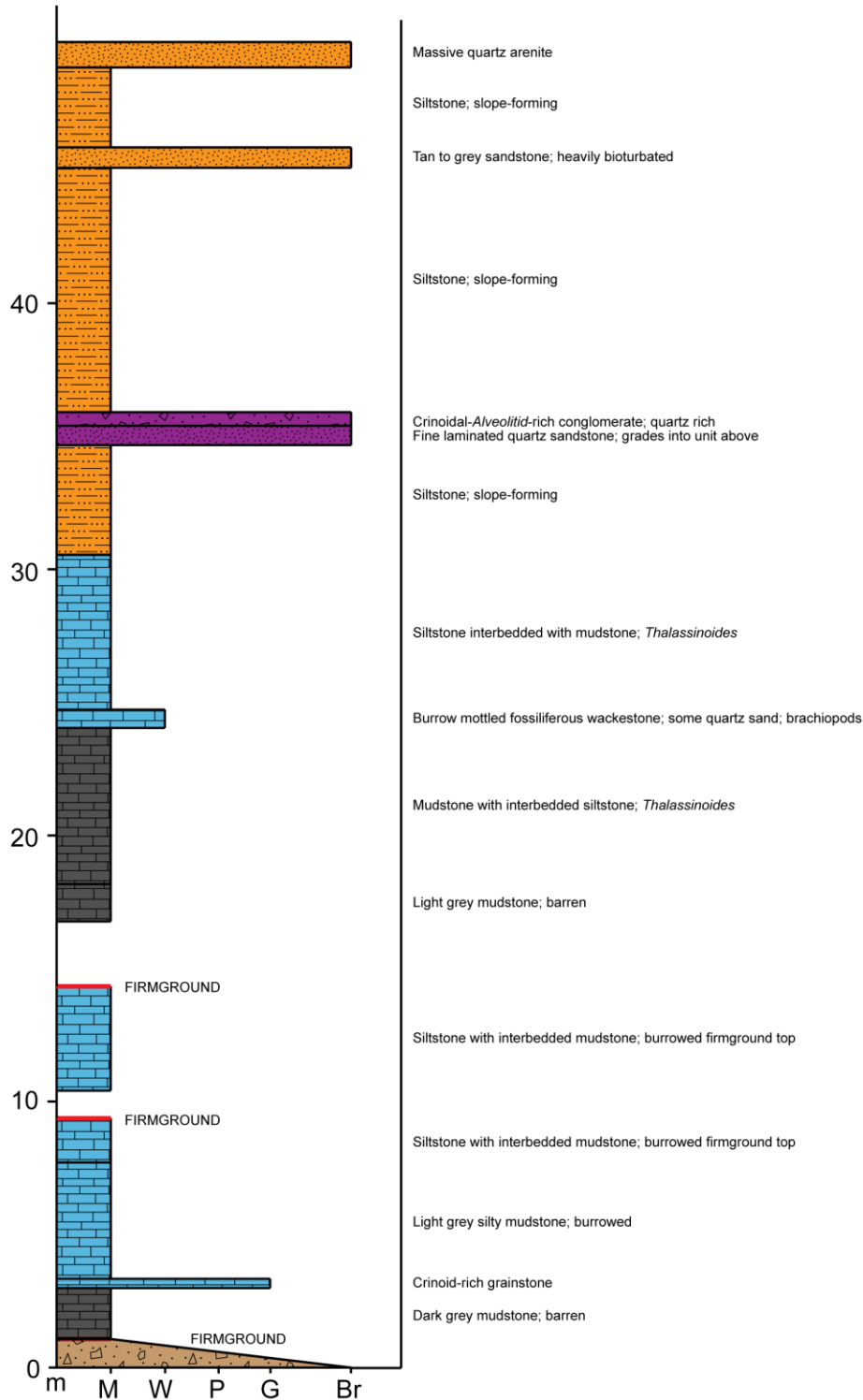


Figure A8. DDB1 detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: HE6

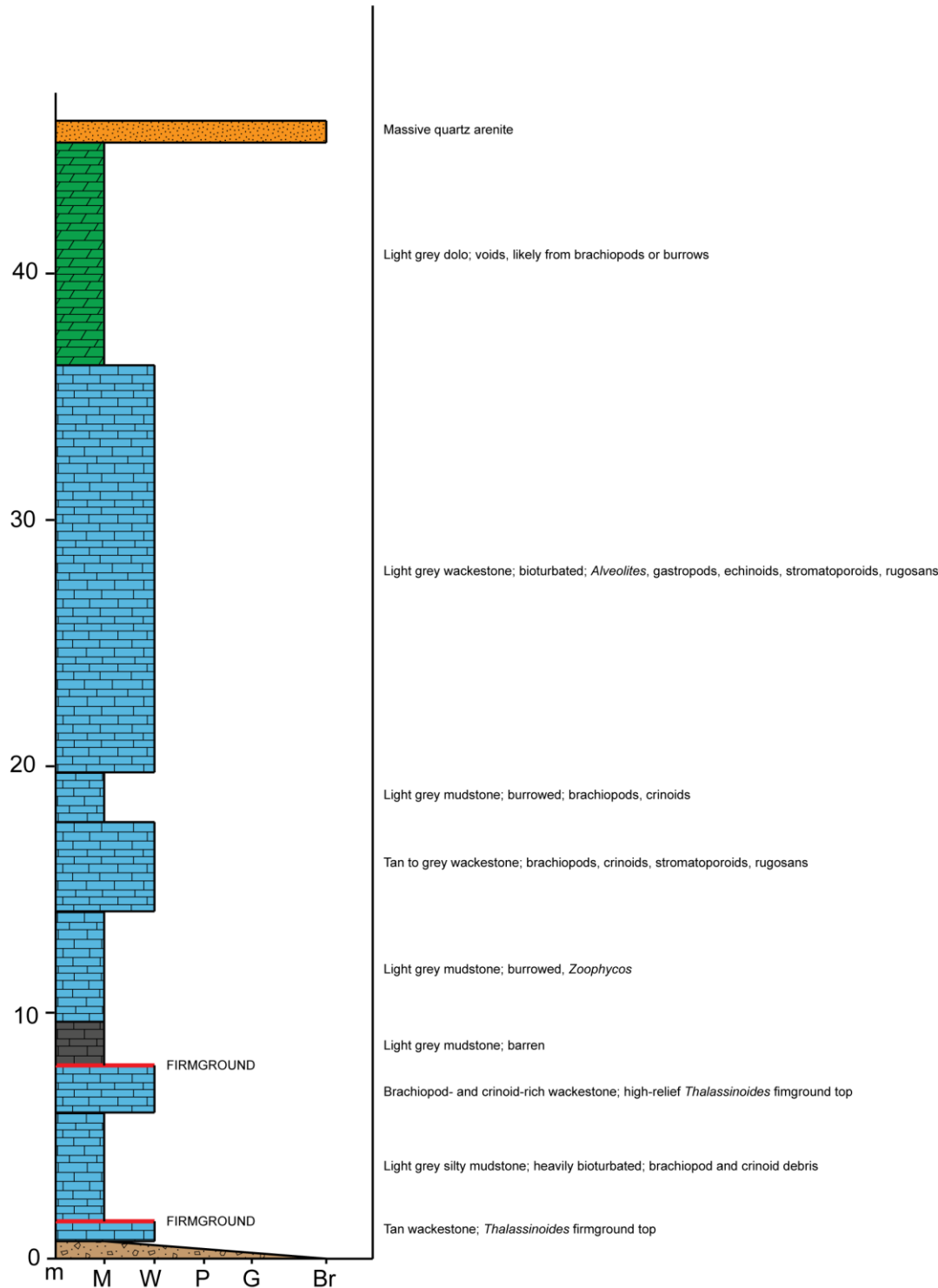


Figure A9. HE6 detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: SMFN2

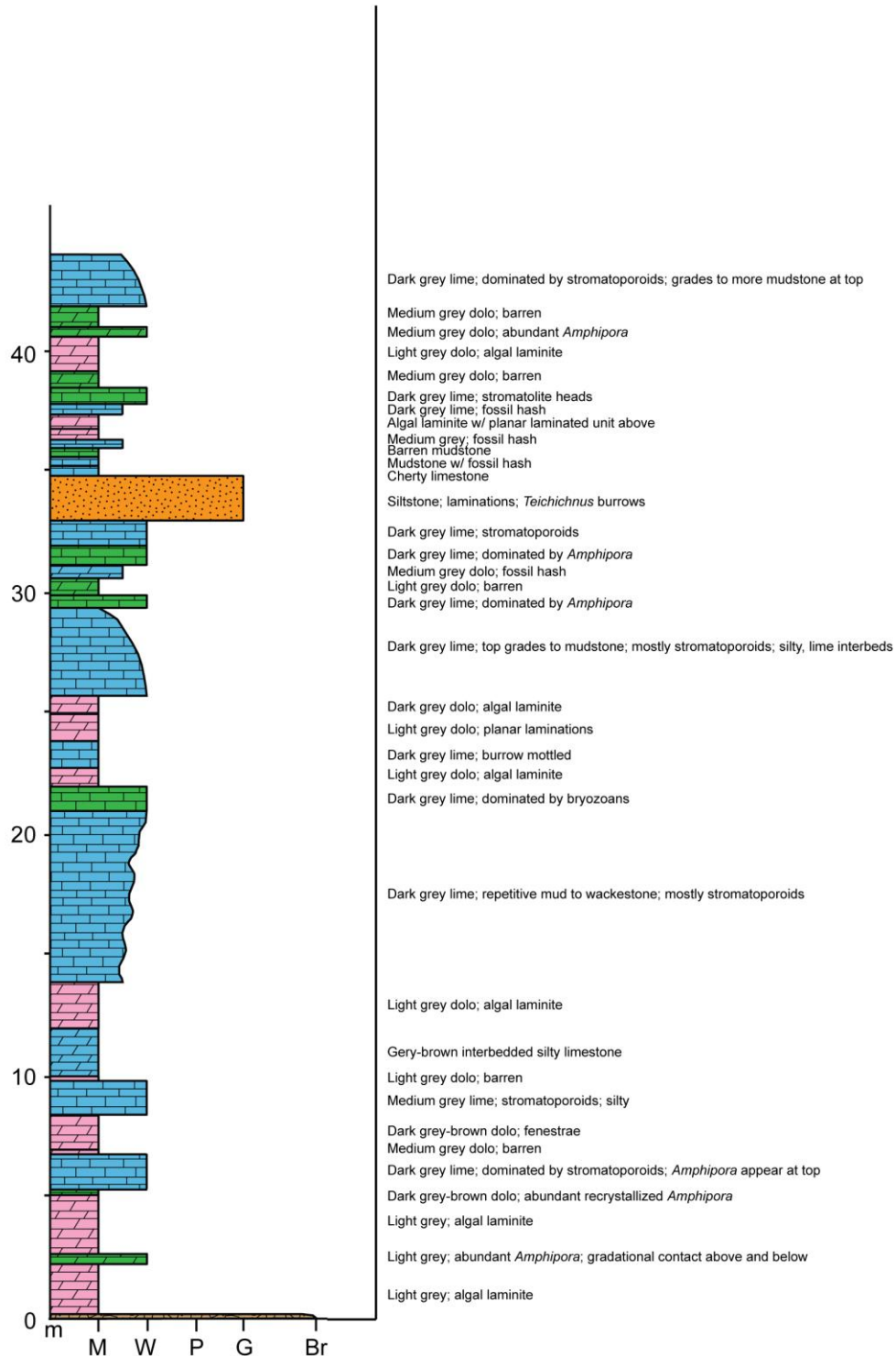


Figure A10. SMFN2 detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: HCE1

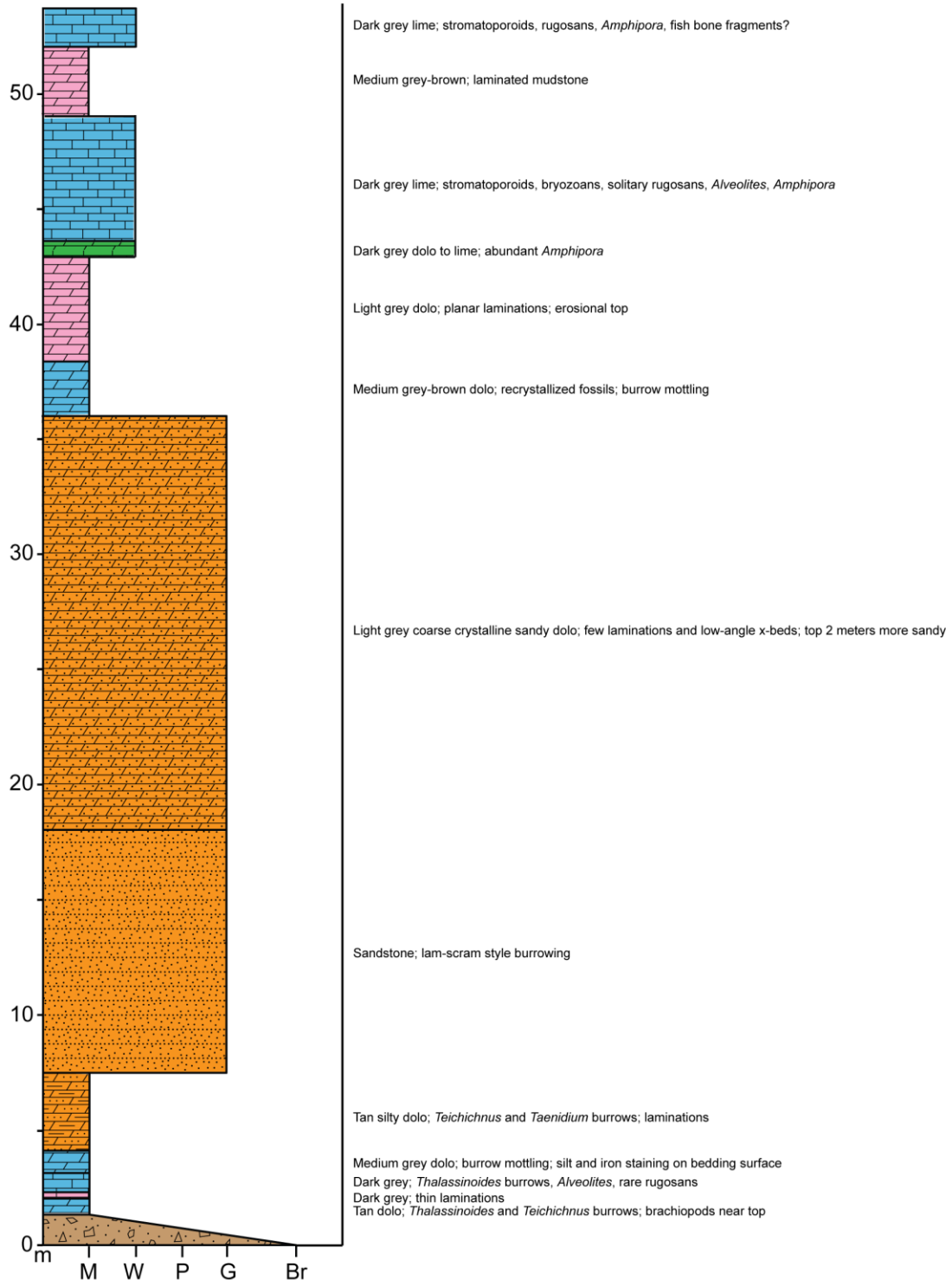
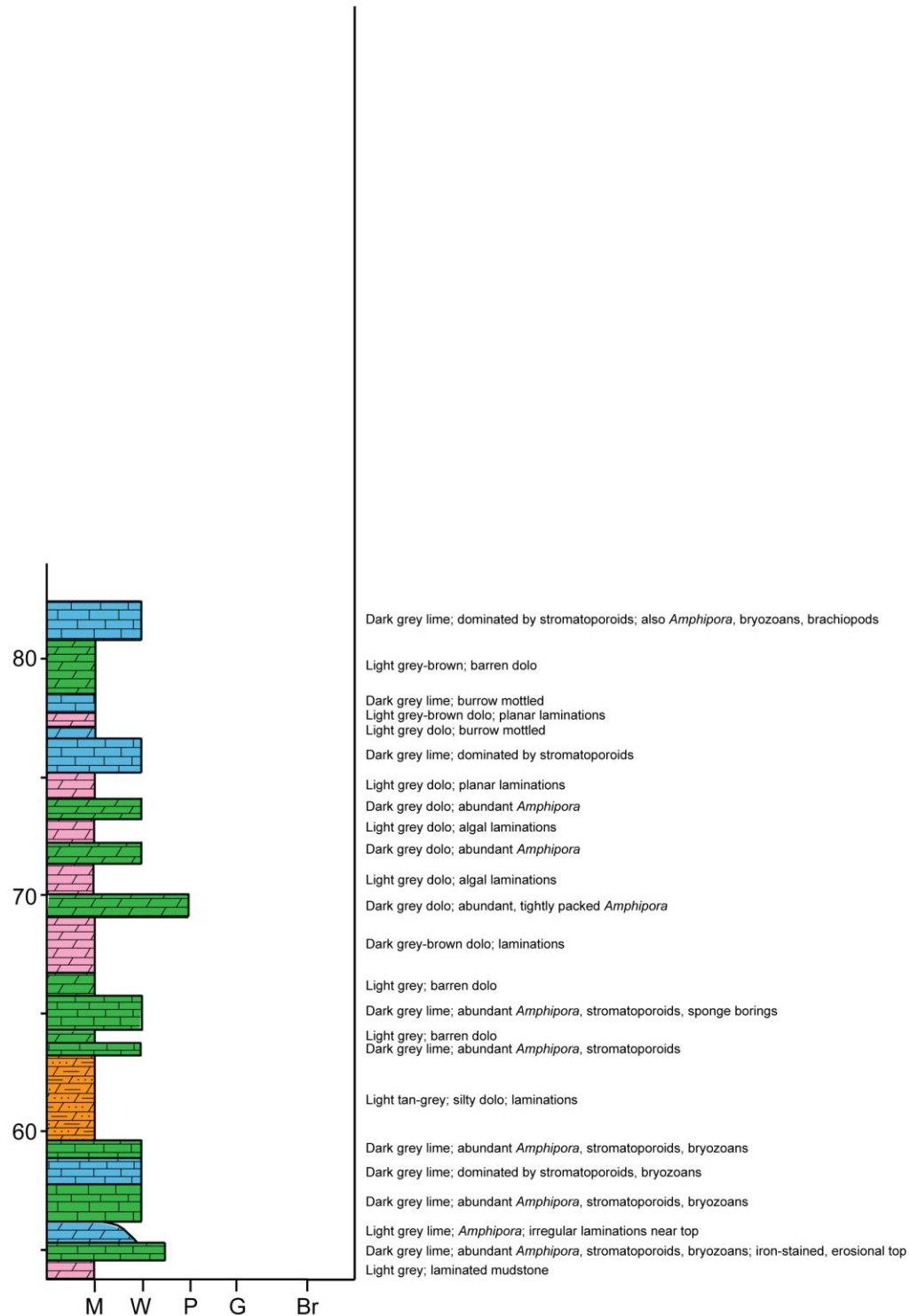


Figure A11. HCE1 detailed measured section.

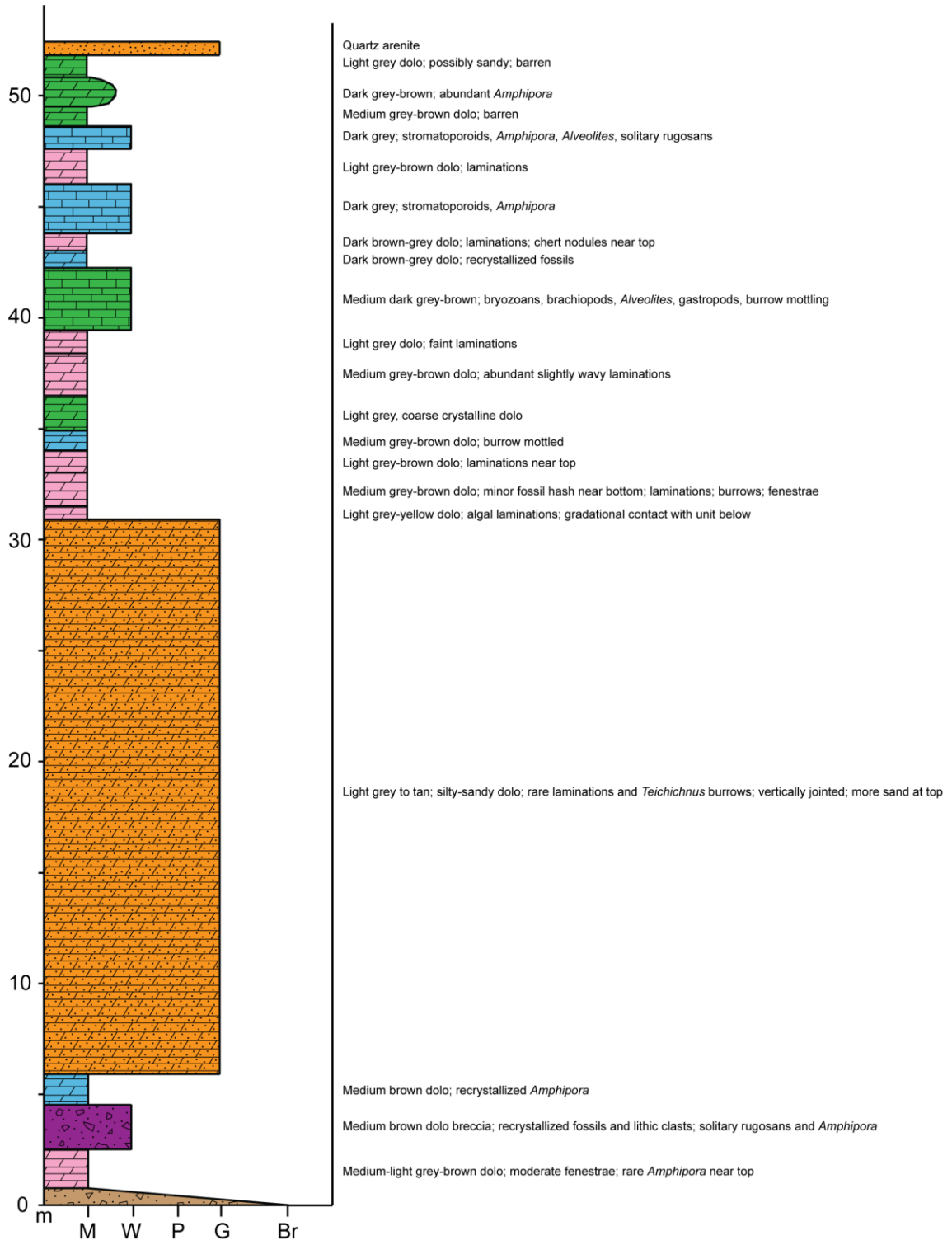
Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: HCE1 cont.



Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Figure A12. HCE1 (cont.) detailed measured section.
Section: HHN1



Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Figure A13. HHN1 detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: DMP1

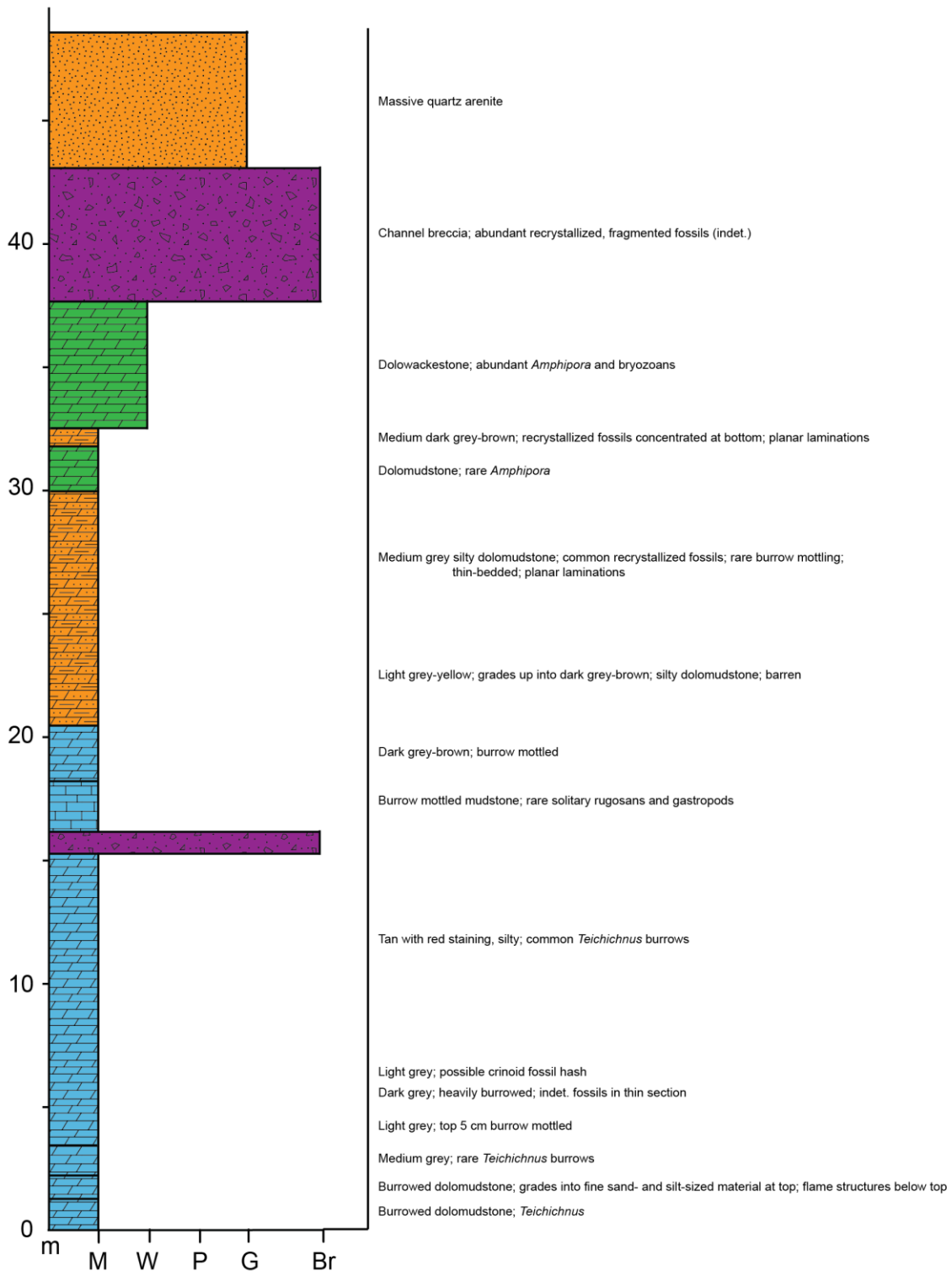


Figure A14. DMP1 detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: MIN2

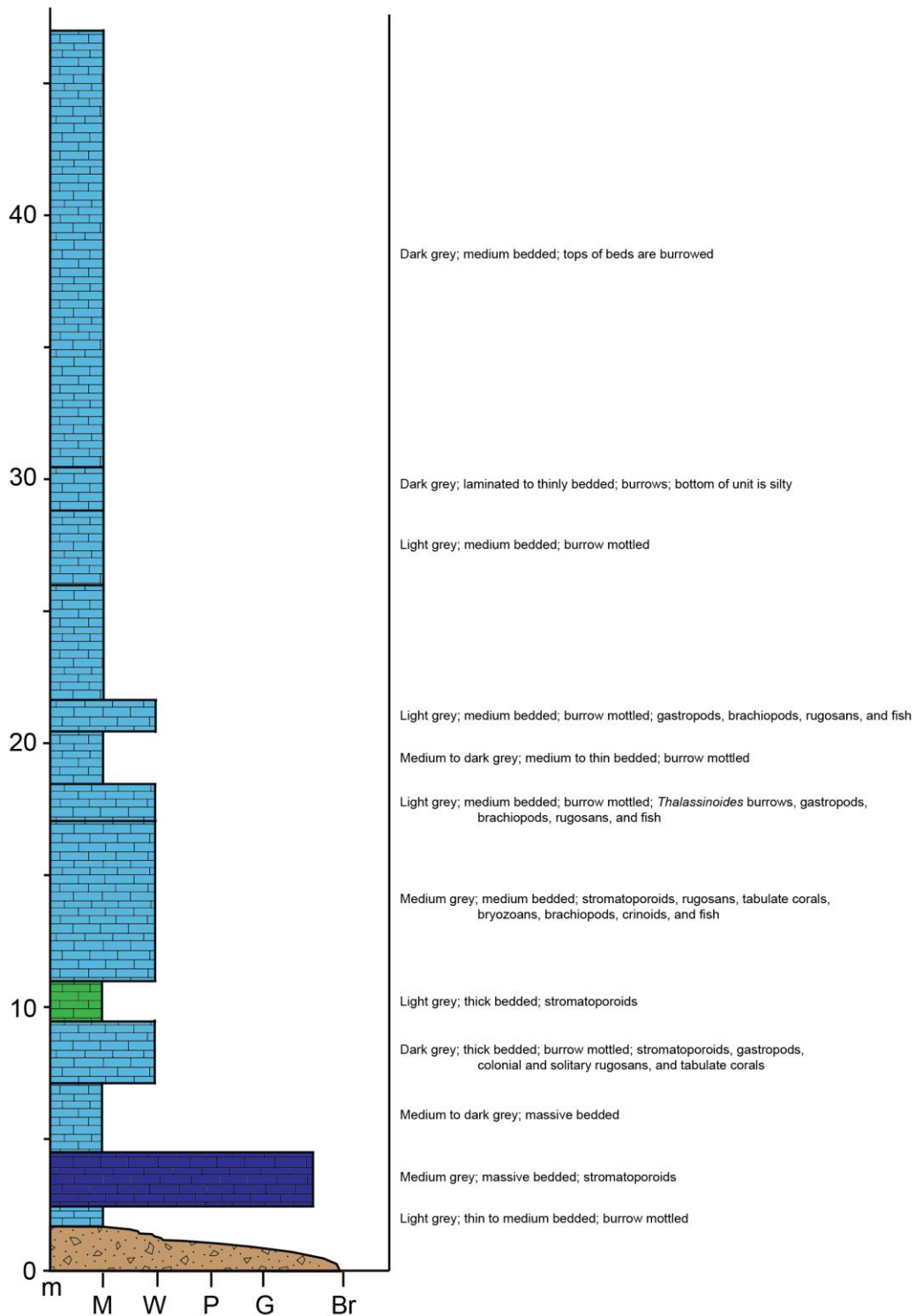


Figure A15. MIN2 detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: MI1

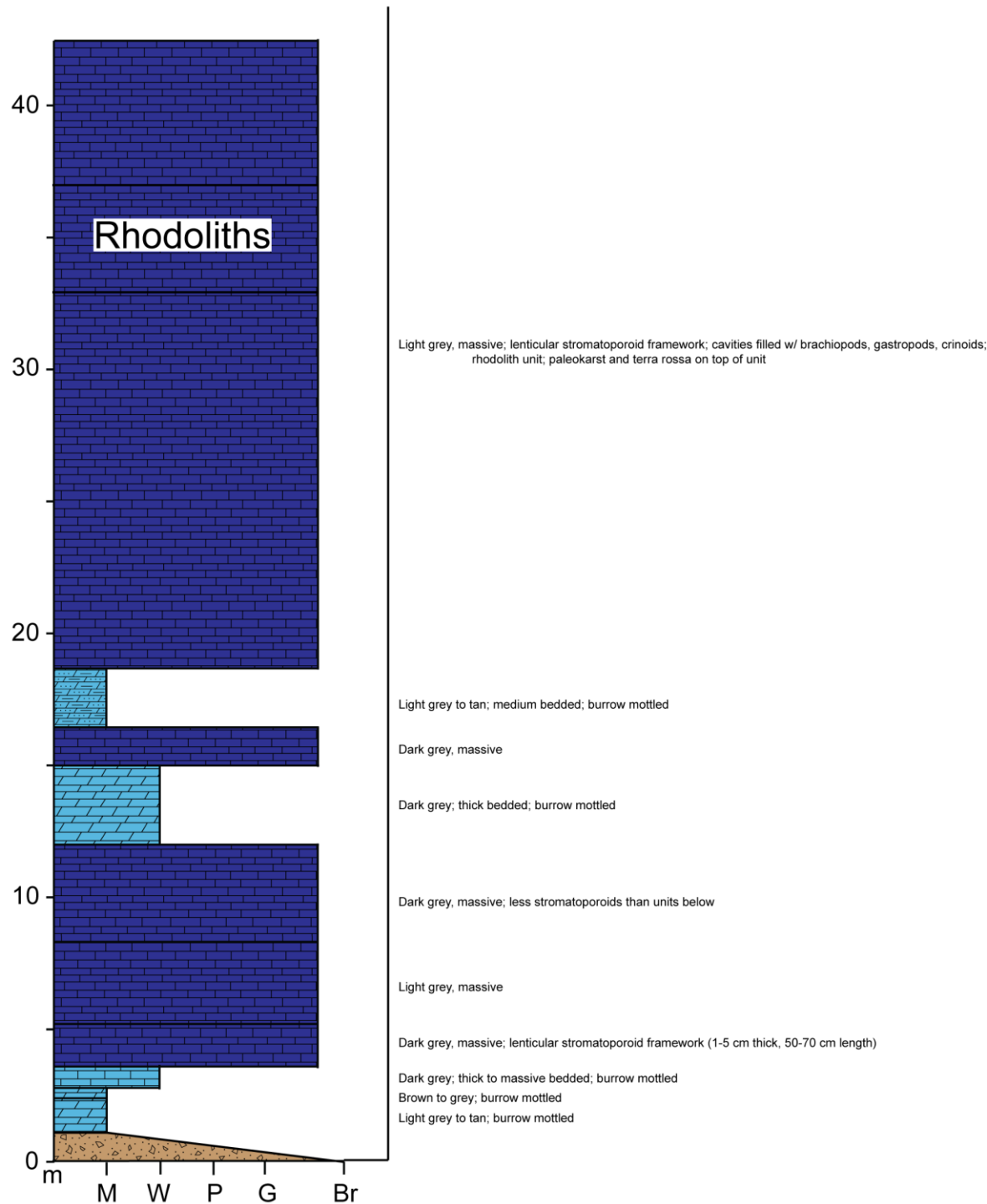
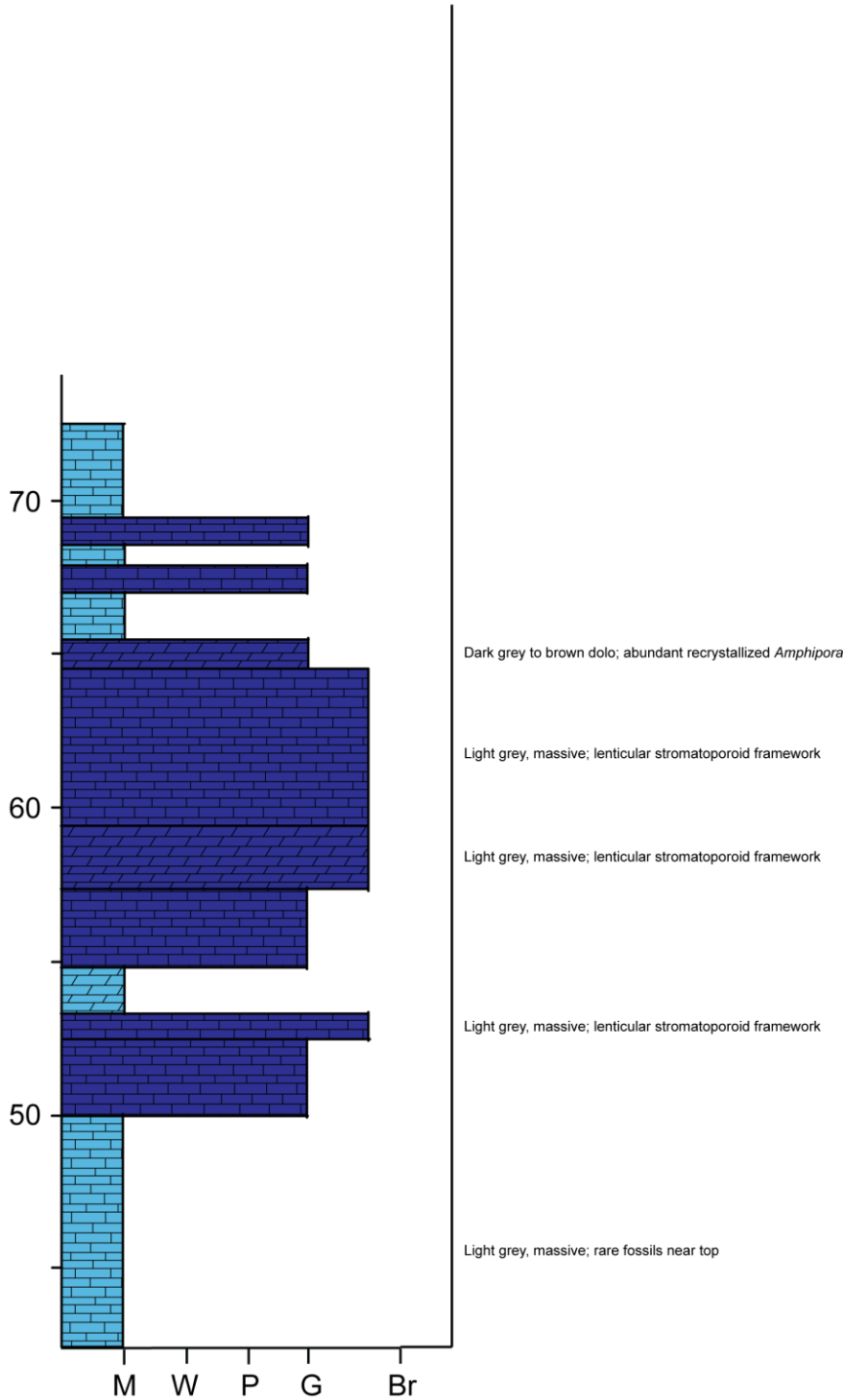


Figure A16. MI1 detailed measured section.

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Section: MI1 cont.



Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

Figure A17. MI1 (cont.) detailed measured section.

TABLE A1. COMPILED LOCALITIES AND GPS COORDINATES

LOCALITY ID	LATITUDE (N)	LONGITUDE (W)
GG1	37.827	-115.440
SW1	37.797	-115.143
CVS0	37.731	-115.283
CVS1	37.731	-115.287
CVS2	37.728	-115.292
FPW3	37.712	-115.225
FPW2	37.710	-115.221
BSV1	37.709	-115.256
FPW1	37.709	-115.218
MSN2	37.708	-115.174
MSN1	37.707	-115.173
BSV2	37.705	-115.250
SMFN3.5	37.700	-115.143
SMFN1	37.699	-115.131
SMFN2	37.698	-115.133
SMFN3	37.698	-115.136
SMFN4	37.697	-115.145
SMF2	37.697	-115.134
CVS0.5	37.693	-115.273
MS1	37.691	-115.277
HHN1	37.682	-115.175
SMF1	37.680	-115.124
SS3	37.679	-115.339
SS2	37.678	-115.336
USP2	37.651	-115.347
USP1	37.650	-115.350
DP1	37.648	-115.307
DP2	37.648	-115.310
HCW 2	37.646	-115.179
HCE1	37.645	-115.169
HCW 1	37.645	-115.178
HCC 1	37.645	-115.174
HCC 2	37.645	-115.174

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LOCALITY ID	LATITUDE (N)	LONGITUDE (W)
HCC 3	37.644	-115.176
HCC2	37.643	-115.174
HCS1	37.642	-115.167
MIN2	37.638	-115.340
MIN1	37.632	-115.345
MI2	37.624	-115.351
MI1	37.624	-115.350
SR1	37.624	-115.352
HICKS	37.623	-115.355
HHK1	37.598	-115.211
MIS0	37.587	-115.331
MIS1	37.583	-115.333
MIS2	37.579	-115.329
HCE2	37.567	-115.209
HSN2	37.566	-115.205
HHS4	37.556	-115.206
HHS5	37.555	-115.205
HHS2	37.555	-115.204
HHS3	37.555	-115.204
HHS3.7	37.554	-115.207
HHS-DM1	37.553	-115.205
HHS-DM2	37.553	-115.204
HHS-DM3	37.552	-115.207
HHS1 COMP	37.551	-115.205
HHS1	37.550	-115.202
DDB	37.417	-115.373
DEL1	37.079	-114.971
HN5	37.447	-115.430
HN4	37.445	-115.425
HN3	37.441	-115.424
HN2	37.439	-115.423
HN1.5	37.440	-115.418
HN1	37.437	-115.419
HN0.5	37.434	-115.418
DDB2	37.410	-115.396
DDB1	37.408	-115.397
HS1	37.402	-115.396

Retzler, A.J., Tapanila, L., Steenberg, J.R., Johnson, C.J., and Myers, R.A., 2015, Post-impact depositional environments as a proxy for crater morphology, Late Devonian Alamo impact, Nevada: *Geosphere*, v. 11, p. 123–143, doi:10.1130/GES00964.1

LOCALITY ID	LATITUDE (N)	LONGITUDE (W)
HS2	37.397	-115.397
HS3	37.396	-115.396
HE1	37.406	-115.380
HE1.5	37.404	-115.380
HE2	37.402	-115.379
HE2.5	37.383	-115.372
HE3	37.381	-115.372
HE4	37.371	-115.365
HE4.5	37.374	-115.374
HE4.7	37.370	-115.368
HE5	37.367	-115.373
HE6	37.365	-115.365
TK1	37.351	-115.359
PTN1	37.498	-115.442
PTN2	37.499	-115.441
PTN0.5	37.496	-115.444
MMS1	37.622	-115.487
MMS2	37.625	-115.482
MMN1	37.685	-115.498
MMN2	37.685	-115.497
MMN3	37.686	-115.497
MMN4	37.686	-115.497
MMN5	37.693	-115.496
GGs1	37.828	-115.439
GGs2	37.832	-115.437
GGs3	37.853	-115.434
PTN0	37.506	-115.435