

6000% STACK

AREA CENTRAL APENNINES

CLIENT CHEVRON INTERNATIONAL LTD. ITALY
 PROCESSED BY CHEVRON EXPL. & PROD. SERVICES CO.
 DIVISION OF CHEVRON CORPORATION
 HOUSTON DATA PROCESSING SYSTEM

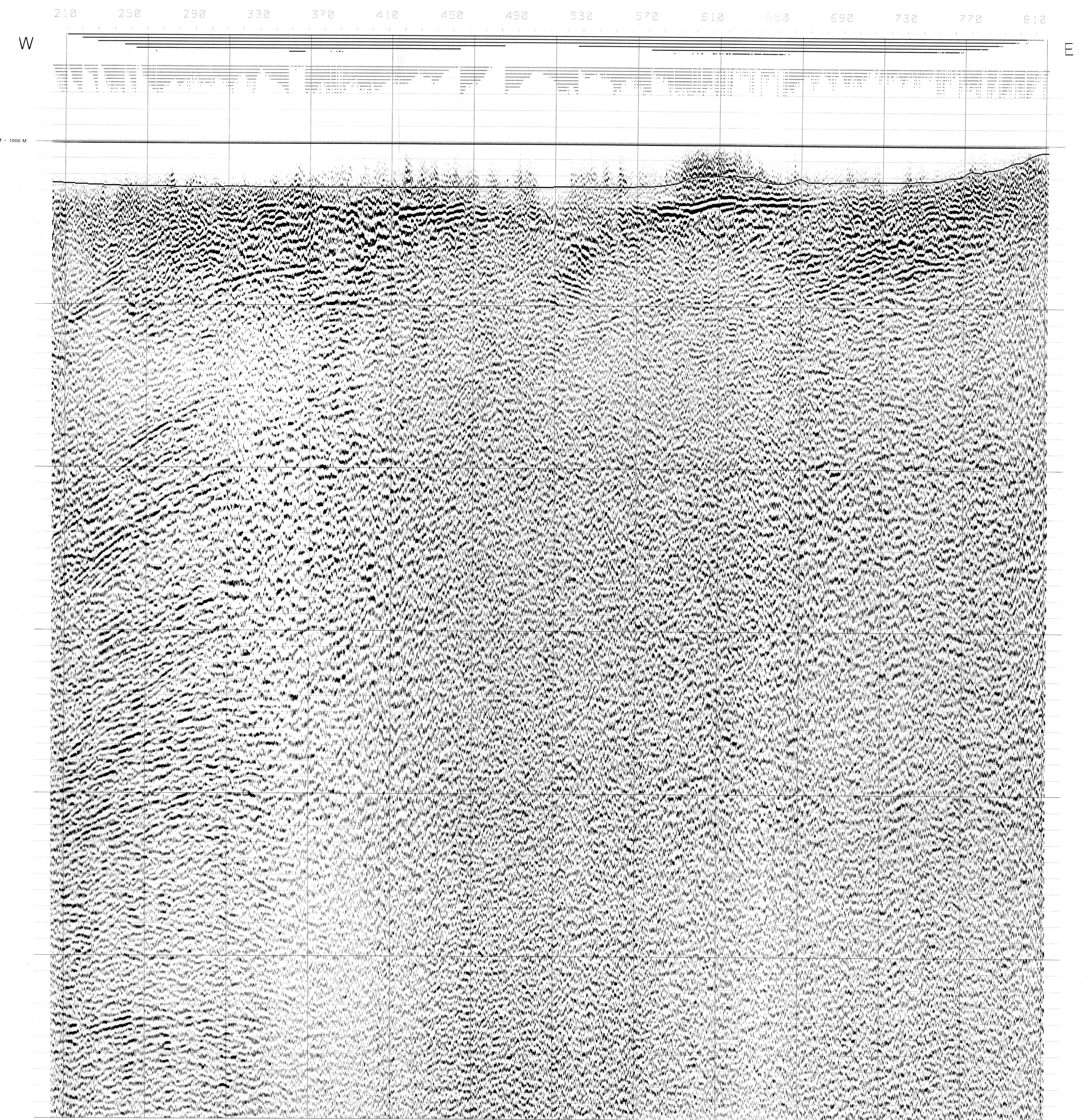
RECORDING PARAMETERS

CREW GLOBE-9 INST MDS-16 FORMAT SEGB SPREAD IN METERS
 FLTR 9/12-125/80 HZ NOTCH OUT SAMPLE INT. 2 MS 2987.5-12.5-x-12.5-2987.5
 SOURCE DYNAMITE 1 HOLE DEPTH 8-24 M
 CHARGE 1-10 KG SHOT INT 50 M GROUP INT 25 M
 NO. CHANNELS 240 COVERAGE 6000Z 8 S RECORD LENGTH
 SHOT RUG. 1989 DATUM +1000 M DIRECTION W -> E

PROCESSING FLOW

ASSIGN GEOMETRY
 RESAMPLE TO 4 MS
 GEOMETRIC DIVERSION CORRECTION
 TRACE EDITING
 NEAR SURFACE NOISE SUPPRESSION
 REFRACTION ANALYSIS STATICS APPLIED TO 1000 M AMSL
 STATIC SHIFT TO FLOATING DATUM
 PROFILE AVERAGE SPIKING DECONVOLUTION - OP LEN = 200 MS
 GATE: NEAR OFFSET - 0.4 TO 4.0 SEC.
 FAR OFFSET - 1.4 TO 4.0 SEC.
 TIME VARIANT AMPLITUDE EQUALIZATION - 1000 MS
 VELOCITY ANALYSIS
 SURFACE CONSISTENT RESIDUAL STATICS
 VELOCITY ANALYSIS
 NORMAL MOVE OUT CORRECTIONS
 6000Z STACK WITH COP COHERENCY ENHANCEMENT
 FLOATING DATUM REMOVED
 FILTER 10 HZ-180DB/OCT 30 HZ-360DB/OCT ZERO PHASE

PLOT - TRACES EQUALIZED
 HORIZONTAL SCALE = 20 TRACES PER CM (1:25000)
 VERTICAL SCALE = 10 CM PER SECOND



STACKING VELOCITIES

AREA CENTRAL APENNINES

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SP 250
VNMS=3500,4100,4600,4800,4900,4950,5000,5500,
TNMS=0.01,0.1,0.2,0.3,0.4,0.5,0.6,0.7,0.8,0.9,1.0,1.1,1.2,1.3,1.4,1.5,1.6,1.7,1.8,1.9,2.0,2.1,2.2,2.3,2.4,2.5,2.6,2.7,2.8,2.9,3.0,3.1,3.2,3.3,3.4,3.5,3.6,3.7,3.8,3.9,4.0,4.1,4.2,4.3,4.4,4.5,4.6,4.7,4.8,4.9,5.0,5.1,5.2,5.3,5.4,5.5,5.6,5.7,5.8,5.9,6.0,6.1,6.2,6.3,6.4,6.5,6.6,6.7,6.8,6.9,7.0,7.1,7.2,7.3,7.4,7.5,7.6,7.7,7.8,7.9,8.0,8.1,8.2,8.3,8.4,8.5,8.6,8.7,8.8,8.9,9.0,9.1,9.2,9.3,9.4,9.5,9.6,9.7,9.8,9.9,10.0,10.1,10.2,10.3,10.4,10.5,10.6,10.7,10.8,10.9,11.0,11.1,11.2,11.3,11.4,11.5,11.6,11.7,11.8,11.9,12.0,12.1,12.2,12.3,12.4,12.5,12.6,12.7,12.8,12.9,13.0,13.1,13.2,13.3,13.4,13.5,13.6,13.7,13.8,13.9,14.0,14.1,14.2,14.3,14.4,14.5,14.6,14.7,14.8,14.9,15.0,15.1,15.2,15.3,15.4,15.5,15.6,15.7,15.8,15.9,16.0,16.1,16.2,16.3,16.4,16.5,16.6,16.7,16.8,16.9,17.0,17.1,17.2,17.3,17.4,17.5,17.6,17.7,17.8,17.9,18.0,18.1,18.2,18.3,18.4,18.5,18.6,18.7,18.8,18.9,19.0,19.1,19.2,19.3,19.4,19.5,19.6,19.7,19.8,19.9,20.0,20.1,20.2,20.3,20.4,20.5,20.6,20.7,20.8,20.9,20.10,20.11,20.12,20.13,20.14,20.15,20.16,20.17,20.18,20.19,20.20,20.21,20.22,20.23,20.24,20.25,20.26,20.27,20.28,20.29,20.30,20.31,20.32,20.33,20.34,20.35,20.36,20.37,20.38,20.39,20.40,20.41,20.42,20.43,20.44,20.45,20.46,20.47,20.48,20.49,20.50,20.51,20.52,20.53,20.54,20.55,20.56,20.57,20.58,20.59,20.60,20.61,20.62,20.63,20.64,20.65,20.66,20.67,20.68,20.69,20.70,20.71,20.72,20.73,20.74,20.75,20.76,20.77,20.78,20.79,20.80,20.81,20.82,20.83,20.84,20.85,20.86,20.87,20.88,20.89,20.90,20.91,20.92,20.93,20.94,20.95,20.96,20.97,20.98,20.99,20.100,20.101,20.102,20.103,20.104,20.105,20.106,20.107,20.108,20.109,20.110,20.111,20.112,20.113,20.114,20.115,20.116,20.117,20.118,20.119,20.120,20.121,20.122,20.123,20.124,20.125,20.126,20.127,20.128,20.129,20.130,20.131,20.132,20.133,20.134,20.135,20.136,20.137,20.138,20.139,20.140,20.141,20.142,20.143,20.144,20.145,20.146,20.147,20.148,20.149,20.150,20.151,20.152,20.153,20.154,20.155,20.156,20.157,20.158,20.159,20.160,20.161,20.162,20.163,20.164,20.165,20.166,20.167,20.168,20.169,20.170,20.171,20.172,20.173,20.174,20.175,20.176,20.177,20.178,20.179,20.180,20.181,20.182,20.183,20.184,20.185,20.186,20.187,20.188,20.189,20.190,20.191,20.192,20.193,20.194,20.195,20.196,20.197,20.198,20.199,20.200,20.201,20.202,20.203,20.204,20.205,20.206,20.207,20.208,20.209,20.210,20.211,20.212,20.213,20.214,20.215,20.216,20.217,20.218,20.219,20.220,20.221,20.222,20.223,20.224,20.225,20.226,20.227,20.228,20.229,20.230,20.231,20.232,20.233,20.234,20.235,20.236,20.237,20.238,20.239,20.240,20.241,20.242,20.243,20.244,20.245,20.246,20.247,20.248,20.249,20.250,20.251,20.252,20.253,20.254,20.255,20.256,20.257,20.258,20.259,20.260,20.261,20.262,20.263,20.264,20.265,20.266,20.267,20.268,20.269,20.270,20.271,20.272,20.273,20.274,20.275,20.276,20.277,20.278,20.279,20.280,20.281,20.282,20.283,20.284,20.285,20.286,20.287,20.288,20.289,20.290,20.291,20.292,20.293,20.294,20.295,20.296,20.297,20.298,20.299,20.300,20.301,20.302,20.303,20.304,20.305,20.306,20.307,20.308,20.309,20.310,20.311,20.312,20.313,20.314,20.315,20.316,20.317,20.318,20.319,20.320,20.321,20.322,20.323,20.324,20.325,20.326,20.327,20.328,20.329,20.330,20.331,20.332,20.333,20.334,20.335,20.336,20.337,20.338,20.339,20.340,20.341,20.342,20.343,20.344,20.345,20.346,20.347,20.348,20.349,20.350,20.351,20.352,20.353,20.354,20.355,20.356,20.357,20.358,20.359,20.360,20.361,20.362,20.363,20.364,20.365,20.366,20.367,20.368,20.369,20.370,20.371,20.372,20.373,20.374,20.375,20.376,20.377,20.378,20.379,20.380,20.381,20.382,20.383,20.384,20.385,20.386,20.387,20.388,20.389,20.390,20.391,20.392,20.393,20.394,20.395,20.396,20.397,20.398,20.399,20.400,20.401,20.402,20.403,20.404,20.405,20.406,20.407,20.408,20.409,20.410,20.411,20.412,20.413,20.414,20.415,20.416,20.417,20.418,20.419,20.420,20.421,20.422,20.423,20.424,20.425,20.426,20.427,20.428,20.429,20.430,20.431,20.432,20.433,20.434,20.435,20.436,20.437,20.438,20.439,20.440,20.441,20.442,20.443,20.444,20.445,20.446,20.447,20.448,20.449,20.450,20.451,20.452,20.453,20.454,20.455,20.456,20.457,20.458,20.459,20.460,20.461,20.462,20.463,20.464,20.465,20.466,20.467,20.468,20.469,20.470,20.471,20.472,20.473,20.474,20.475,20.476,20.477,20.478,20.479,20.480,20.481,20.482,20.483,20.484,20.485,20.486,20.487,20.488,20.489,20.490,20.491,20.492,20.493,20.494,20.495,20.496,20.497,20.498,20.499,20.500,20.501,20.502,20.503,20.504,20.505,20.506,20.507,20.508,20.509,20.510,20.511,20.512,20.513,20.514,20.515,20.516,20.517,20.518,20.519,20.520,20.521,20.522,20.523,20.524,20.525,20.526,20.527,20.528,20.529,20.530,20.531,20.532,20.533,20.534,20.535,20.536,20.537,20.538,20.539,20.540,20.541,20.542,20.543,20.544,20.545,20.546,20.547,20.548,20.549,20.550,20.551,20.552,20.553,20.554,20.555,20.556,20.557,20.558,20.559,20.560,20.561,20.562,20.563,20.564,20.565,20.566,20.567,20.568,20.569,20.570,20.571,20.572,20.573,20.574,20.575,20.576,20.577,20.578,20.579,20.580,20.581,20.582,20.583,20.584,20.585,20.586,20.587,20.588,20.589,20.590,20.591,20.592,20.593,20.594,20.595,20.596,20.597,20.598,20.599,20.6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