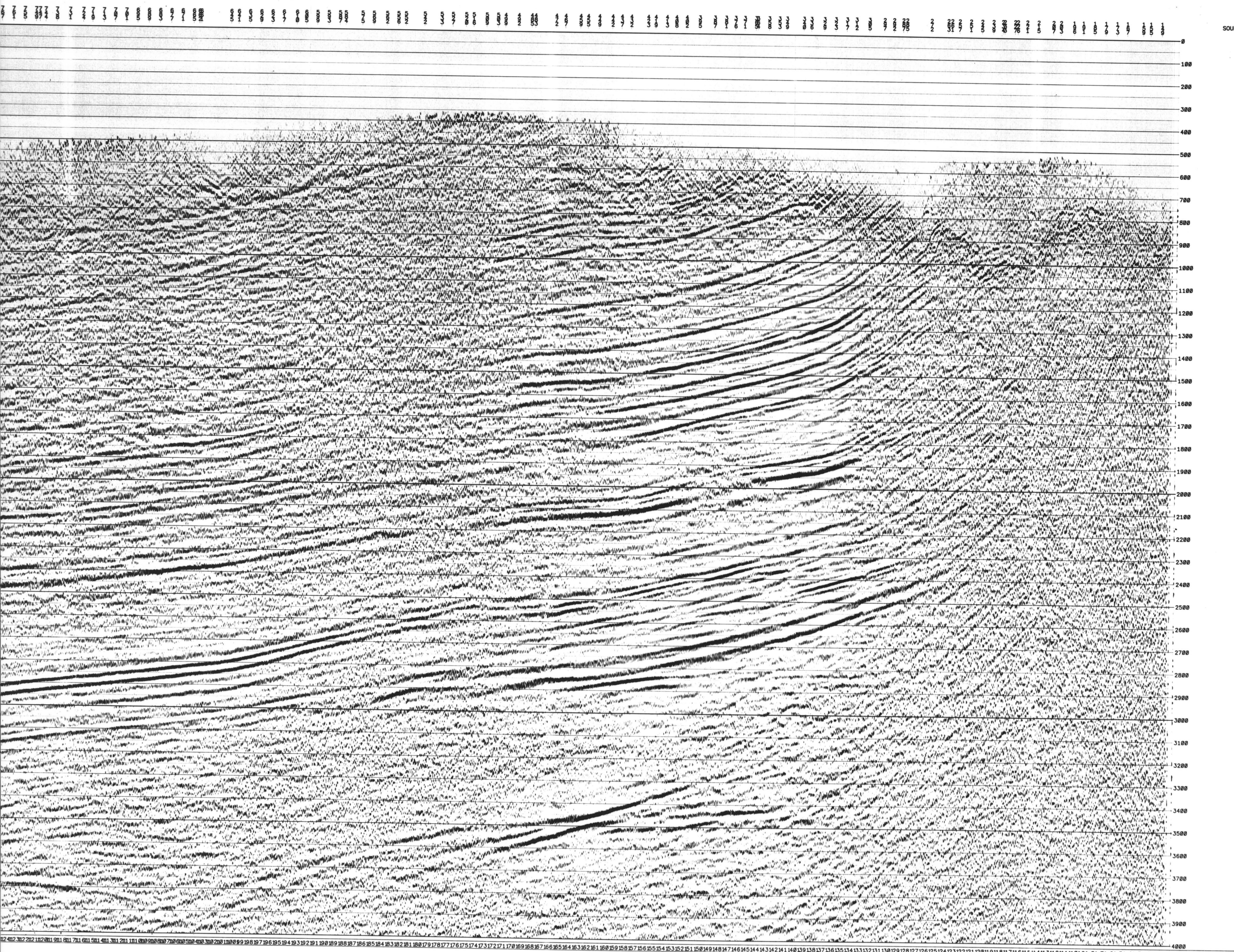

SOURCE

North East

EXPLOR DATA LTD.

SWM-1
SP 1516-139
STACK

FIELD PARAMETERS

```
LINE
PROSPECT    RUNDLE
PROFILES    141X - 1515X
PROVINCE   NWT CANADA

DATE = AUG 1999    CREW = 6 VERITAS     RECD SW-> NE TR/PROFILE=450  COV = 3750%
SPREAD= 4480 - 10 -SP- 10 - 4480 M.       SP INT=120 M.    GRP INT=20 M.
DYNAMITE  1 HOLES SINGLE  APART   20  KG/HOLE  HOLE DEPTH= 20 M.
GEOPHONE TYPE= OYO GS CT-30 NAT FREQ=10 HZ  PHONES/GRP=6  3.3 M M. APART
INST=I/O SYST REC LEN=5.0 S SI=2       FILTER=3/??-135/?? HZ
NOTCH=OUT    TAPE FMT=SEG D
```

PROCESSING SEQUENCE

```
FLOW - ( 0) Load SEG-Y FB Statics Inc    Fri Sep  3 06:54:27 1999
  Output - 999 raw first breaks load Add 95589 Over 0
 SEG-Y Input
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    tr_fold = 1.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    uphole = 0.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    offset = off_set/100.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    rec_elev = recelev/100.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    sou_elev = souelev/100.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    depth = sht_dpth/100.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    sou_x = soux/100.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    sou_y = souy/100.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    rec_x = recx/100.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    rec_y = recy/100.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    cdp_x = cdpx/100.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    cdp_y = cdpy/100.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    cdp_elev = cdpelev/100.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    fb_pick = fbpick/100.00

FLOW - 0.0 geom extract  Thu Sep 30 17:01:30 1999
  Output - 000 temp Add 95589 Over 0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    chan=abs(chan)
 Inline Geom Header Load
  Primary header to match database              FFID
  Secondary header to match database            None
  Match by valid trace number?                  No
  Drop traces with NULL CDP headers?            No
  Drop traces with NULL receiver headers?       No
  Verbose diagnostics?                          No

FLOW - 0.0 geom extract  Thu Sep 30 17:06:22 1999
  Output - 999 raw shots Add 95589 Over 0
 Inline Geom Header Load
  Primary header to match database              FFID
  Secondary header to match database            None
  Match by valid trace number?                  No
  Drop traces with NULL CDP headers?            No
  Drop traces with NULL receiver headers?       No
  Verbose diagnostics?                          No

FLOW - 2.0- fpass DYN    Thu Sep 30 17:23:38 1999
  Output - 000 temp Add 94702 Over 0
 Database/Header Transfer
  Direction of transfer                         Load TO trace header FROM database
  First header entry                            First break pick time
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    tlive_s=fb_pick
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    tfull_s=fb_pick+20+(aoffset/20)
 Trace Muting
  Re-apply previous mutes                       Re-ramp
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    tlive_s=0.0
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    tfull_s=0.0
 Trace Kill/Reverse
  Trace editing MODE                            Kill
    PRIMARY edit list header word               Source index number (internal)*
    SECONDARY edit list header word             trcflag
    TERTIARY edit list header word              No trace header entry selected
    SPECIFY traces to be edited
    1-99999:2/
 Trace Kill/Reverse
  Trace editing MODE                            Reverse
    PRIMARY edit list header word               Source index number (internal)*
    SECONDARY edit list header word             trcflag
    TERTIARY edit list header word              No trace header entry selected
    SPECIFY traces to be edited
    1-99999:3/
 Filter Application
  Application option                            Convolution
  SELECT filter dataset                         emphasis filter
  hv Apply GLI Refraction Statics
  Final datum elevation                         1600
  Replacement velocity                          4000
  NMO static method                             Mean Statics
  Length of smoother                            51
  Processing DATUM type                         FLOATING DATUM
 Apply Residual Statics
 True Amplitude Recovery
    Basis for spherical spreading               1/(time*vel**2)
    Should the velocity be treated as           Yes
  space variable?
      Select velocity parameter file            final velocities
  APPLY function to data or REMOVE effect       Apply
  of amplitude corrections?
  Maximum application TIME                      6000.

FLOW - 2.0- fpass DYN    Thu Sep 30 17:44:51 1999
  Output - 000 temp1 Add 82387 Over 0
 hv AGC
  Application Mode of AGC                       APPLY & SAVE
  AGC Operator Length (ms)                      750.
  Linear Taper Length (ms)                      250.
  Position of AGC Gain Application              CENTERED
  Choice of AGC Start Times                     0 START TIME
  0 Offset Start Time of AGC (ms)               0.
  Dip velocity (units/s) of AGC start           3000.
  times with offset. )
 Normal Moveout Correction
  Direction for NMO application                 FORWARD
    Stretch mute percentage                     600.
    Apply any remaining static during           Yes
  NMO?
  Anisotropy correction parameter eta           0.
  Get velocities from the database?             Yes
    SELECT Velocity parameter file              final velocities
 F-K Filter
  Type of F-K filter                            Arbitrary Polygon
  Test the filter impulse response?             No
  Get polygon mute file from the                Yes
  database?
    Select mute parameter file                  groll (w nmo)
  Mode of F-K filter operation                  REJECT
 F-K Filter
  Type of F-K filter                            Arbitrary Polygon
  Test the filter impulse response?             No
  Get polygon mute file from the                Yes
  database?
    Select mute parameter file                  dispersive (w nmo)
  Mode of F-K filter operation                  REJECT
 Normal Moveout Correction
  Direction for NMO application                 INVERSE
  Anisotropy correction parameter eta           0.
  Get velocities from the database?             Yes
    SELECT Velocity parameter file              final velocities
 hv AGC
  Application Mode of AGC                       REMOVE AGC
  AGC Operator Length (ms)                      750.
  Linear Taper Length (ms)                      250.
  Position of AGC Gain Application              CENTERED
  Choice of AGC Start Times                     0 START TIME
  0 Offset Start Time of AGC (ms)               0.
  Dip velocity (units/s) of AGC start           3000.
  times with offset. )
 Header Delete
  Header entry                                  agc_scal

FLOW - 2.0- fpass DYN    Thu Sep 30 17:57:52 1999
  Output - 030 fpass Add 82387 Over 0
```

DISPLAY PARAMETERS

```
Wed Jan  5 09:14:26 2000                Static Shift   = 0
Traces/Inches = 32                      Inches/Second  = 7.5
Bias Percent  = 0                       Clip Limit     = 2
Gain Set      = 0.62414                 RMS Amplitude = 1.24828
Gain Constant = 500
```

CDP

9229-E34-1P

```
Database/Header Transfer
  Direction of transfer                         Load TO trace header FROM database
  First header entry                            First break pick time
 Surface Consistent Decon
  Get decon gates from the DATABASE?            Yes

FLOW - 5.0 fsk no radon  Tue Oct 19 09:49:50 1999
  Output - 999 final shots Add 82387 Over 0
 Apply Residual Statics
    Type of residual statics to apply           Max. Power Autostatics
 Normal Moveout Correction
  Direction for NMO application                 FORWARD
    Stretch mute percentage                     100.
    Apply any remaining static during           Yes
  NMO?
  Anisotropy correction parameter eta           0.
  Get velocities from the database?             Yes
    SELECT Velocity parameter file              final velocities
 TV Spectral Whitening
  TYPE of filter                                Time-Invariant Parameters
  Spectral balancing scalar LENGTH              1000.
  Automatic filter panel design?                Yes
  Number of frequency panels                    5
  SPECIFY spectral balancing frequencies
    4,10,50,60
  Mode for amplitude restoration                Log Average
 hv AGC
  Application Mode of AGC                       APPLY
  AGC Operator Length (ms)                      2000.
  Linear Taper Length (ms)                      1000.
  Position of AGC Gain Application              CENTERED
  Choice of AGC Start Times                     0 START TIME
  0 Offset Start Time of AGC (ms)               0.
  Dip velocity (units/s) of AGC start           2000.
  times with offset. )

FLOW - 5.0 fsk no radon  Tue Oct 19 09:52:33 1999
  Output - 999 fsk Add 2742 Over 0
 Trace Muting
  Re-apply previous mutes                       No
  Mute time reference                           Time 0
  TYPE of mute                                  Top
    Starting ramp                               30.
    SELECT mute parameter file                  final mute
 CDP/Ensemble Stack
  Sort order of input ensembles                 CDP
  METHOD for trace summing                      Mean
  Root power scalar for stack                   0.5
  normalization
  Apply final datum statics after stack?        Yes

FLOW - hardcopy  Wed Jan  5 09:14:09 2000
  Output - Current Flow Add 0 Over 0
 Bandpass Filter
  TYPE of filter                                Single Filter
  Type of filter specification                  Ormsby-bandpass
  PHASE of filter                               Zero
  Apply a notch filter?                         No
  Ormsby filter frequency values                4-12-50-60
 Database/Header Transfer
  Direction of transfer                         Load TO trace header FROM database
  First header entry                            Live source number (usr-defined)
  Second header entry                           CDPRSLOC
  Third header entry                            SHOTICKS
  Fourth header entry                           X coordinate of CDP
  Fifth header entry                            Y coordinate of CDP
  Sixth header entry                            Elevation of CDP
 Trace Header Math
  Select mode                                   Fixed equation mode
    DEFINE trace header equation
    cdprsloc=real(int(cdprsloc))
 Automatic Gain Control
  Application mode                              APPLY
  Type of AGC scalar                            MEAN
  AGC operator length                           500.
  BASIS for scalar application                  Centered
  Robust Scaling?                               No
```

TRIATHLON

PROJ. NO. 9229-E34-1P

LINE NO. 98Y13

PART NO. 1 OF 2

R.R. 10X

RCE

TRIATHLON

PROJ. NO. 9229-E34-1P

LINE NO. 4813

PART NO. 2 OF 2

R.R. 10X