



AREA : ZIRCON  
 LINE : 86-122  
 SHOT POINTS 101-942  
 ZERO PHASE MIGRATION

RECORDING DATA  
 BOAT : ARCADIAN SEARCHER  
 SHOT BY : DIGICON  
 PRIMARY NAVIGATION BY : ARCO  
 SECONDARY NAVIGATION BY : SATNAU  
 MAP/SECTION LOCATION : COP  
 ENERGY SOURCE : AIRGUNS  
 GUN DEPTH : 75  
 VOLUME : 4500 CU INS  
 PRESSURE : 1500 P.S.I.  
 S.P. INTERVAL : 25M  
 INSTRUMENTS : L.C. OUT 4 C. 160HZ  
 FILTER : 75  
 RECORD LENGTH : 75  
 SAMPLE RATE : 15  
 FORMAT : SEGY DELUX  
 CABLE : 300M STREATER  
 NO. OF GROUPS : 242  
 GROUP LENGTH : 10  
 GROUP INTERVAL : 10  
 CABLE DEPTH : 3M

NORSKE SHELL PROCESSING SEQUENCE

ADJACENT TRACE SUM  
 RESAMPLE TO 4MS  
 SPHERICAL DIVERGENCE COMPENSATION  
 PREDICTIVE DECONVOLUTION 24MS GAP 200MS OPERATOR  
 NMO PERFORMED WITH WESTERN VELOCITIES  
 DMO APPLIED, OUTPUT ALTERNATE CDPS  
 REMOVAL OF WESTERN NMO VELOCITIES  
 NMO VELOCITIES DERIVED EVERY 2KM  
 NMO AND 600% STACK, ASYMETRIC WEIGHTS  
 GUN AND CABLE STATIC  
 KIRCHOFF MIGRATION  
 100% STACKING VELOCITIES  
 CONVERT TO ZERO PHASE  
 TIME VARIANT FILTER (HZ/DB/OCT)  

| TIME   | LOW CUT | HIGH CUT | TYPE |
|--------|---------|----------|------|
| 400MS  | 10/24   | 80/48    | ZBUT |
| 1500MS | 9/24    | 70/48    | ZBUT |
| 3000MS | 7/24    | 60/48    | ZBUT |

 1000MS RVC SCALING

PROCESSED BY:  
 NORSE SHELL  
 RISAUKA NORWAY  
 EPXG21

- M100 Base Quaternary
- M120 Base Pliocene
- M180 Near Base Eocene
- M200 Base Tertiary
- M300 Late Kimmerian Unconformity
- M310 Base Kim. Clay
- M350 Base Heather Fm (Intra Middle Jurassic)
- M370 Base Lower Drake Fm
- M390 Intra Lower Jurassic (Top Kap Stewart Fm)
- M400 Near Base Jurassic