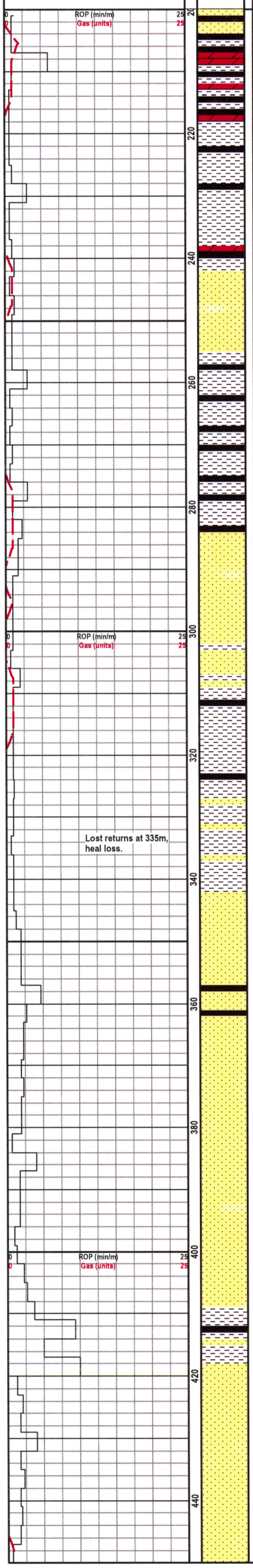
DEPT. NAT. RES. & ENV.
PE914412



Geological Descriptions

SILTY CLYST: (70%) dk brn-v dk brn grey, v carb grdg-coal, tr pyr, tr sks, tr dolomitization, tr mylonitized dolc sdy mat, sft, mod dispersive, non fis.
Grading-& intbdd wi:
COAL: (20%) blk-dk brn, rthy tex & lstr, v arg & slty ip grdg-slty clyst, tr pyr, frm.
With a mas dol bd 208-211m & mnr (up-10%) 211-242m:
DOL: (10%) med brn-brn blk, crptxl-microxln, abnt blk coaly mat wi sheared tex ip, v arg ip, occly v fy aren, v hd, no visual por.

Possible fault/fracture plane 208-211m.

SS: (40%) lt brn, vf-c, dominantly med, ang-sr, dominantly subangular, mod-w srt, tr dk brn arg mtx, v wk sil cmt, clr-dominantly op qtz grs, com off wh-yel-red-gn lithics, tr blk coaly detritus, uncons-fri, v g inferred por, no o flor.
Interbedded wi:
SILTY CLYST: (50%) med-v dk brn, mod-v carb - grds ip-arg coal, com vf blk carb flecks ip, tr micromica, rr pyr, v sft-sft, sticky, mod dispersive, non fis.
Grading ip to, lam wi & intbdd wi:
COAL: (10%) blk-dk brn.

SS: (40%) v lt brn, vf-pbl, dominantly c-v c, ang-sr, dominantly subangular, p-moderate srtg, tr dk brn arg mtx, v wk sil cmt, clr to op qtz grs, tr c mica flks, uncons-fri, v g-excel inferred por, no o flor.
Interbedded wi:
SILTY CLYST: (50%) v dk brn-brn blk, mod-v carb - grds-arg coal, com vf blk carb flecks ip, v sft-sft, sticky, mod dispersive, non fis.
Grading ip to, lam & intbdd wi:
COAL: (10%) blk-dk brn, rthy tex & lstr, often v arg & slty -grds-slty clyst.

SS: v lt grey-lt brn, vf-v c, dominantly c, ang-sr, dominantly subangular, p-moderate srtg, nil-tr med brn arg & slt mtx, wk sil cmt, clr-op qtz grs, tr off wh-yel orng-red-gn lithics, tr clr-gn c mica flks, tr blk coaly detritus, uncons-fri, v g inferred por, no o flor.
intbdd wi:
SILTY CLYST: med-v dk brn, mod-v carb - grds-arg coal, com vf blk carb flecks ip, tr micromica, tr pyr, v sft-sft, sticky, mod dispersive, non fis.
Grdg ip to, lam & intbdd COAL

Massive ss unit:
SS: v lt grey, vf-rarely pbl, dominantly c-v c, ang-sr, dominantly subangular, mod srt, nil-tr wh arg mtx, mnr dk brn arg mtx @ top, v wk sil cmt, clr-op qtz grs, tr grey gn & red lithics, tr blk coaly detritus, tr c mica flks ip, tr pyr, uncons-fri, v g inferred por, no o flor.

SILTY CLYST: med brn-occly dk brn, tr blk carb flecks, tr micromica, sft, v dispersive, non fis.
Interbedded wi:
CLYST: off wh, med gn, occly v fy aren & sl calc where wh, sticky, amor.
With ip mnr intbds of:
SS: v lt grey, vf-v c, dominantly med-c, ang-sr, dominantly subangular, mod srt, tr wh arg mtx, wk sil cmt, clr-op qtz grs, tr grey & gn lithics, tr blk coaly detritus, tr-com c mica flks, uncons-fri, g inferred por, no o flor.

Massive ss unit:
SS: v lt grey, vf-grit, dominantly c, pebbly towards base, ang-sr, dominantly subangular, mod srt, tr-rarely abnt wh arg mtx, wk sil cmt, clr to op qtz grs, tr grey gn & red lithics, tr c mica flks ip, tr blk coaly detritus in pt, uncons-fri, fr-dominantly v g inferred por, no o flor.