TABLE 4

LITHOLOGICAL DESCRIPTIONS

## CHAT 1

| Depth (m) | Description |
|---|---|
| 1740 | Sand 95% clr-opaq, c-vc, lse, subang-subrnd, mod well srtd qtz grs, occ pyr cmt.<br>Siltstone trace only. lt gy, hd, qrtzse and silic.<br>*Shale 5% dk gy-brn-blk, frm, v carb and coaly. |
| 1824 | Sand 80% clr-opaq, m-c, occ f, lse, subang, poorly srtd lse qtz grs and pyrtc aggs.<br>*Shale 20% m gy-brn-blk, frm-mod hd, v carb, grdng to coal in pt, brit in pt. |
| 1899 | Sand 30% clr-opaq, m-vc, subang, lse, v poorly srtd, qtz grs, tr pyr cmt.<br>*Shale 10% dk gy-brn-blk, mod hd-brit, v carb, grdng to coal in pt.<br>Siltstone 60% lt-m gy to gy-brn, sft, v arg in pt, calc. |
| 1953 | Sandstone 40% trnsl-opaq, f-vc, lse subang-subrnd poorly srtd grs and well cmtd sil aggs, occ pyr cmt.<br>*Shale 60% m gy-brn-dk gy-blk, frm-mod hd, v slty in pt, v carb and coaly in pt. |
| 2058 | Sandstone 70% clr-opaq, vf-m, lse, subang-subrnd, poorly srtd qtz grs and sil aggs, tr pyr cmt.<br>Siltstone 20% lt-m gy-brn, sft, arg.<br>*Coal 10% dk brn-blk, sft-frm, arg and shaley in pt. |
| 2355 | Sand 85% clr-wh-opaq, vf-m, lse, ang-subang, poorly srtd grs and well cmtd sil aggs, tr Lst.<br>Siltstone 10% lt-m gy, sft-frm, occ brit.<br>*Coal 5% blk, frm-mod hd, arg in pt, shaley in pt. |
| 2373 | Sand 90% A/A<br>Siltstone 5% A/A<br>*Coal 5% A/a |
| 2415 | Sand 50% trnsl-opaq, vf-m, lse, poorly srtd, subang-subrnd qtz grs.<br>*Siltstone 50% lt-m gy-brn, sft, occ frm, v arg in pt, tr coal. |
| 2454 | Sand 70% wh-opaq, vf-m, lse, poorly srtd, subang-subrnd qtz grs and sil aggs.<br>*Shale 30% lt-m gy to dk gy-blk, frm-mod hd, v slty and sft in pt, v carb and coaly in pt. |
| 2496 | Sand 10% A/A<br>*Shale 90% A/A |
| 2520 | Sand 90% A/A<br>*Shale 10% A/A |
| 2550 | Sand 5% A/A<br>*Shale 95% dk gy, frm-mod hd, slty in pt, carb in pt. |