APPENDIX C

PHASE II RFI MONITORING WELL CONSTRUCTION DIAGRAMS

C.1 Shallow Monitoring Well Construction Diagrams

C.2 Deep Monitoring Well Construction Diagrams

C.1 SHALLOW MONITORING WELL CONSTRUCTION DIAGRAM

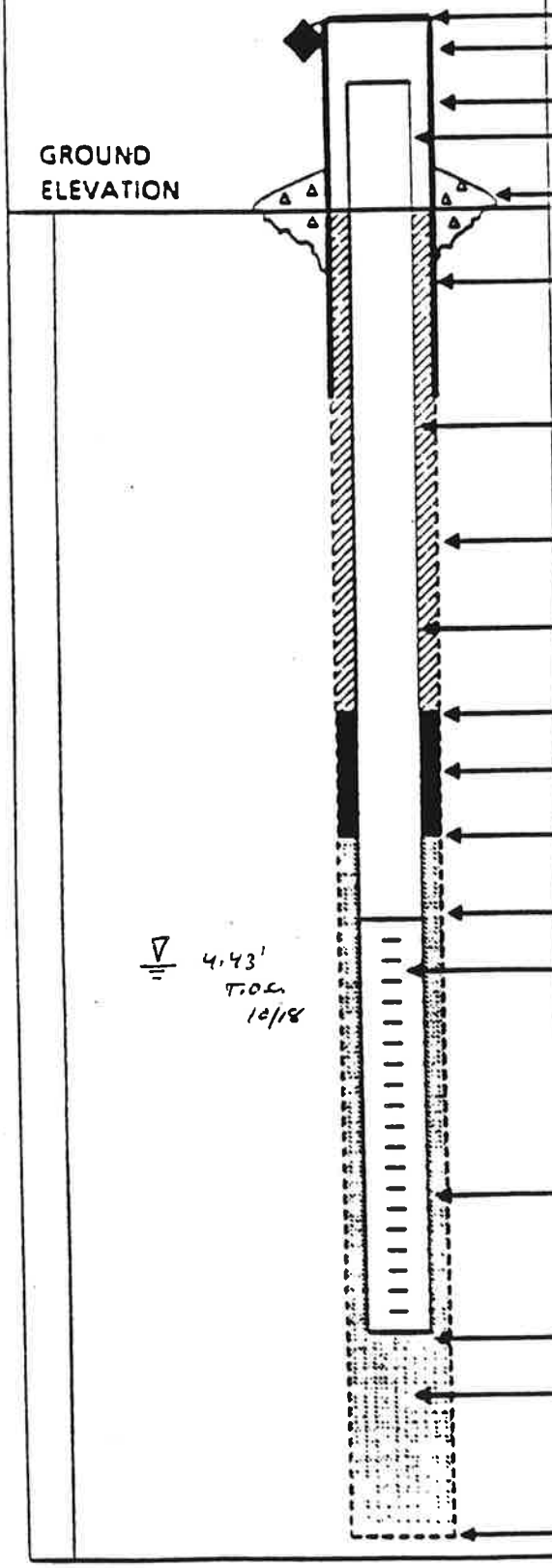
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-104 (OSS-6)
DATE: 8-3-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' GS
STICK - UP RISER PIPE: -4.75" GS
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION/DEPTH TOP OF SEAL: 1' 4.75" GS
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 2' 10.75" GS
ELEVATION/DEPTH TOP OF SCREEN: 3' 4.75" GS
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION/DEPTH BOTTOM OF SCREEN: 13' 4.75" GS
ELEVATION/DEPTH BOTTOM OF SAND PACK: 14' GS
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND
ELEVATION/DEPTH OF HOLE: 14' GS

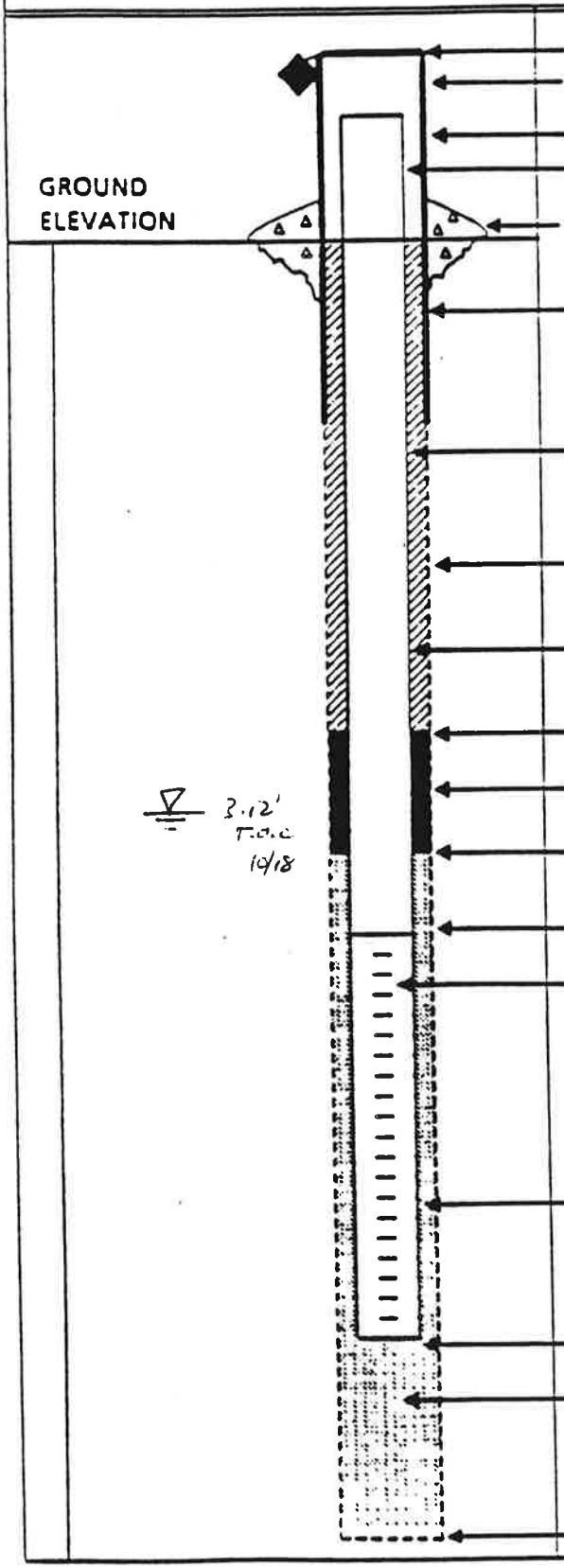
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-105 (OSS-3)
DATE: 8-4-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' GS
STICK - UP RISER PIPE: -3" GS
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 2' 3" GS
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 4' 3" GS
ELEVATION / DEPTH TOP OF SCREEN: 5' 3" GS
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15' 3" GS
ELEVATION / DEPTH BOTTOM OF SAND PACK: 15' 6" GS
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND
ELEVATION / DEPTH OF HOLE: 15' 6" GS

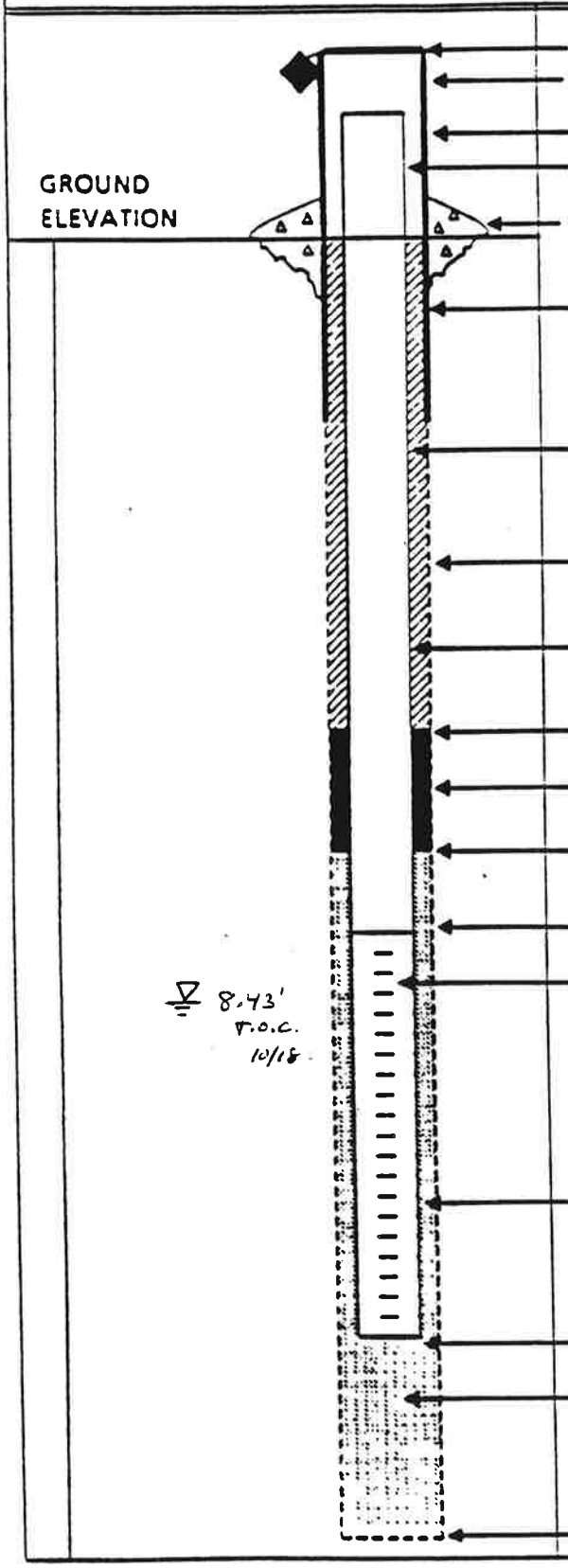
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT ALLIED PHASE II RFI
PROJECT NO. 0091
ELEVATION
FIELD GEOLOGIST R. GOOD

LOCATION FRANKFORD
BORING MW-106 (OSS-2)
DATE 8-4-93

DRILLER PAUL WADDEL
DRILLING METHOD HSA
DEVELOPMENT METHOD



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0.0' GS
STICK - UP RISER PIPE: -4.5" GS
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 2' 9.5" GS
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 4' 4.5" GS
ELEVATION / DEPTH TOP OF SCREEN: 5' 4.5" GS
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15' 4.5" GS
ELEVATION / DEPTH BOTTOM OF SAND PACK: 15' 4.5" GS
TYPE OF BACKFILL BELOW OBSERVATION WELL: N.A.
ELEVATION / DEPTH OF HOLE: 15' 4.5" GS

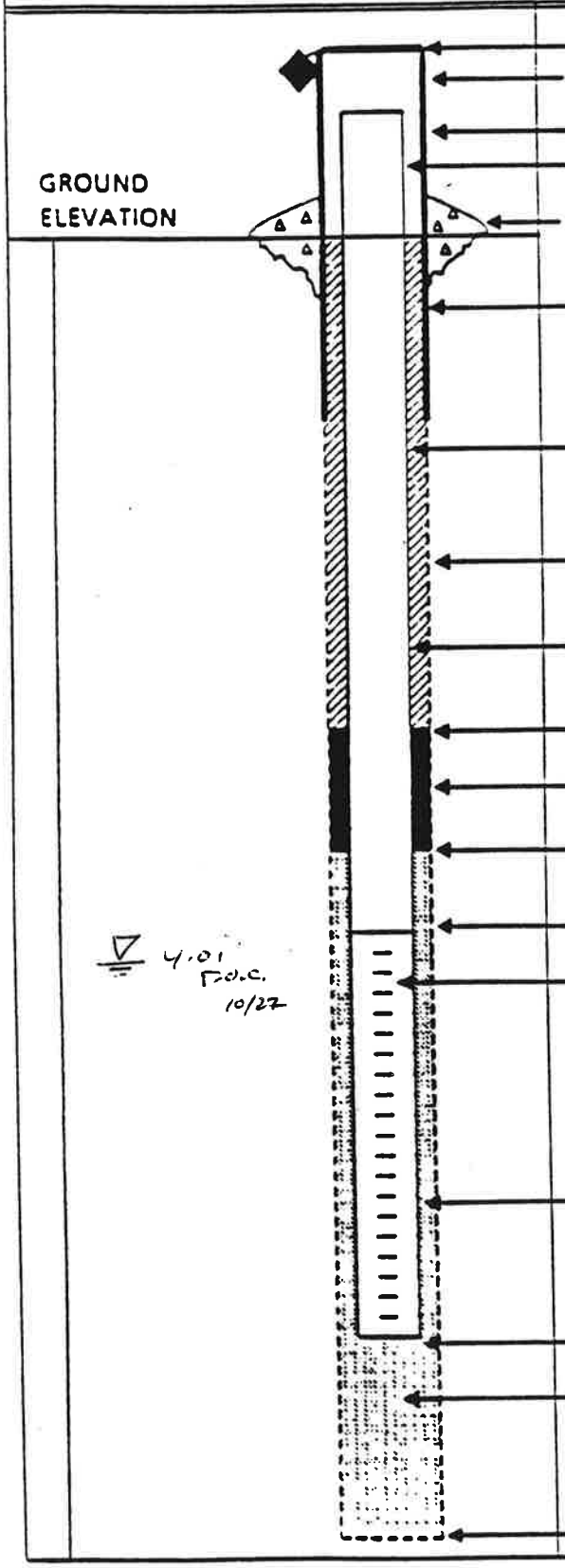
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-107 (OSS-7)
DATE: 8-5-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' GS
STICK - UP RISER PIPE: -4.75" GS
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' GS
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 2' 10.75" GS
ELEVATION / DEPTH TOP OF SCREEN: 3' 4.75" GS
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 13' 4.75" GS
ELEVATION / DEPTH BOTTOM OF SAND PACK: 13' 6" GS
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 SAND (QUARTZ)
ELEVATION / DEPTH OF HOLE: 13' 6" GS

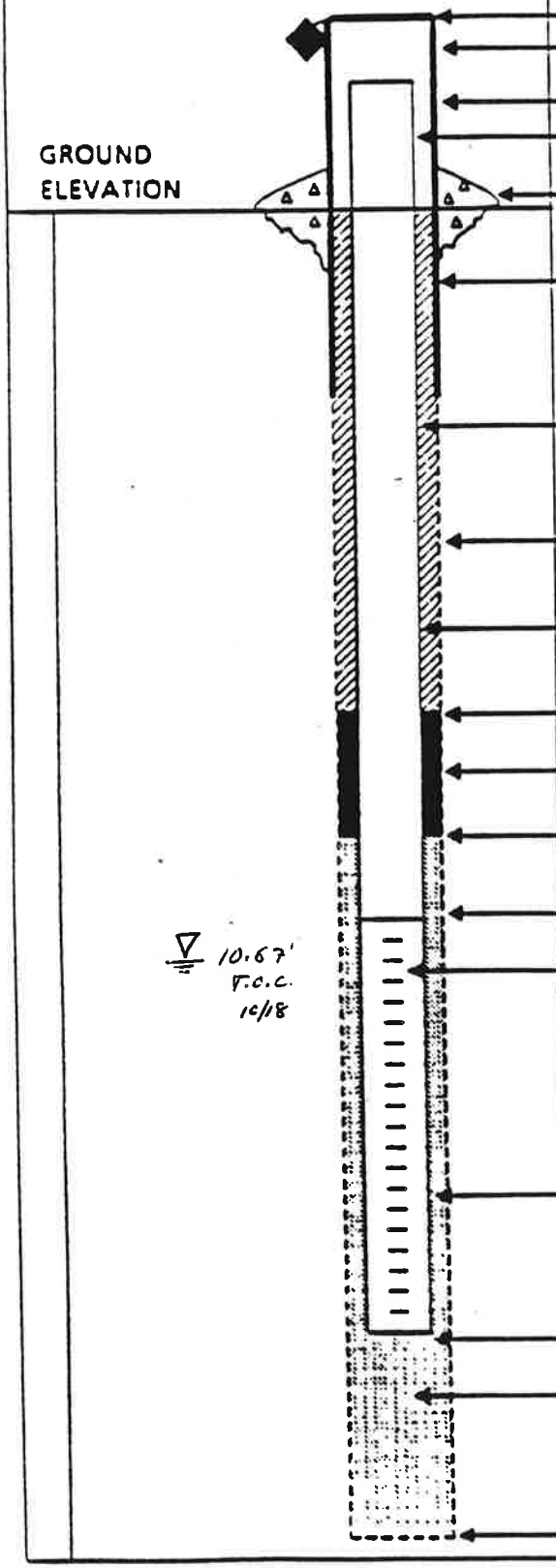
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-108 (OSS-1)
DATE: 8-6-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' GS
STICK - UP RISER PIPE: -5.25" GS
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 6' G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 8' G.S.
ELEVATION / DEPTH TOP OF SCREEN: 10' 5.25" G
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 20' 5.25" G
ELEVATION / DEPTH BOTTOM OF SAND PACK: 22' G
TYPE OF BACKFILL BELOW OBSERVATION WELL: CAVED SAND & GRAVEL
ELEVATION / DEPTH OF HOLE: 22' GS

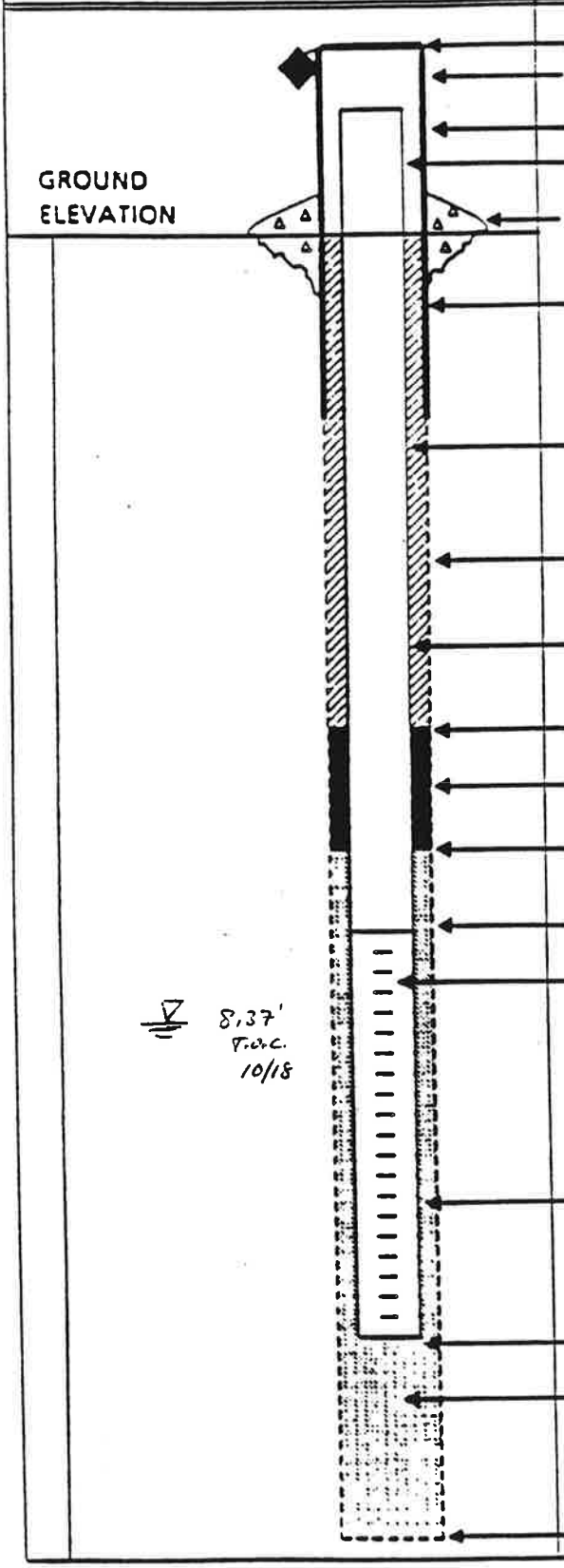
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-109 (OSS-11)
DATE: 8-6-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S
STICK - UP RISER PIPE: -6¾" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 2' G.S
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 4' G.S.
ELEVATION / DEPTH TOP OF SCREEN: 5' 6¾" G.S
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15' 6¾" G.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 16' G.S
TYPE OF BACKFILL BELOW OBSERVATION WELL: CAVED MATERIAL & BEST NO. 1 QUARTZ SAND
ELEVATION / DEPTH OF HOLE: 16' G.S.

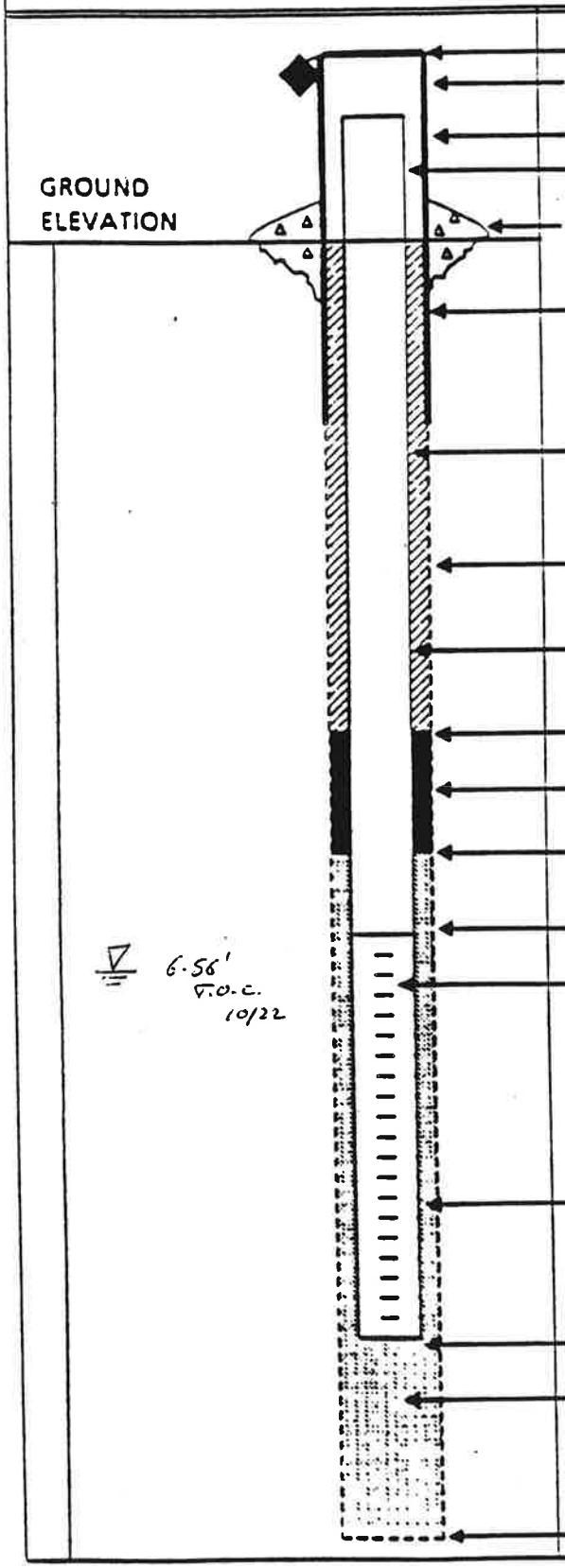
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-110 (OFS-1)
DATE: 8-9-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK-UP TOP OF SURFACE CASING: 0' G.S.
STICK-UP RISER PIPE: -3.5" G.S
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 4"-8"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1'2" GS
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 3' G.S
ELEVATION / DEPTH TOP OF SCREEN: 5'3½" GS
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15'3½" GS
ELEVATION / DEPTH BOTTOM OF SAND PACK: 16' G.S
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO 1 QUARTZ SAND & CAVED MATERIAL
ELEVATION / DEPTH OF HOLE: 16' G.S.

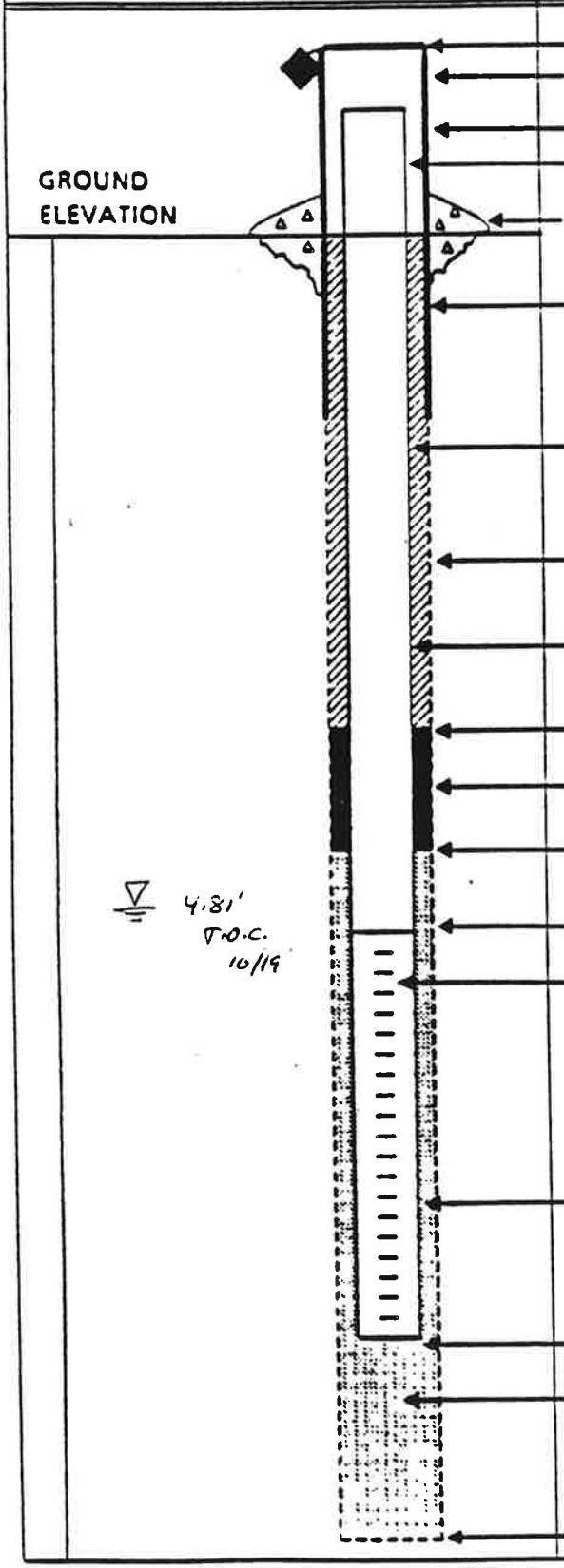
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-111 (OSS-9)
DATE: 8-9-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S.
STICK - UP RISER PIPE: - 6½" G.S
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 3' G.S.
ELEVATION / DEPTH TOP OF SCREEN: 5' 6½" G.S
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1. QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15' 6½" G.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 17' G.S
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND
ELEVATION / DEPTH OF HOLE: 17' G.S.

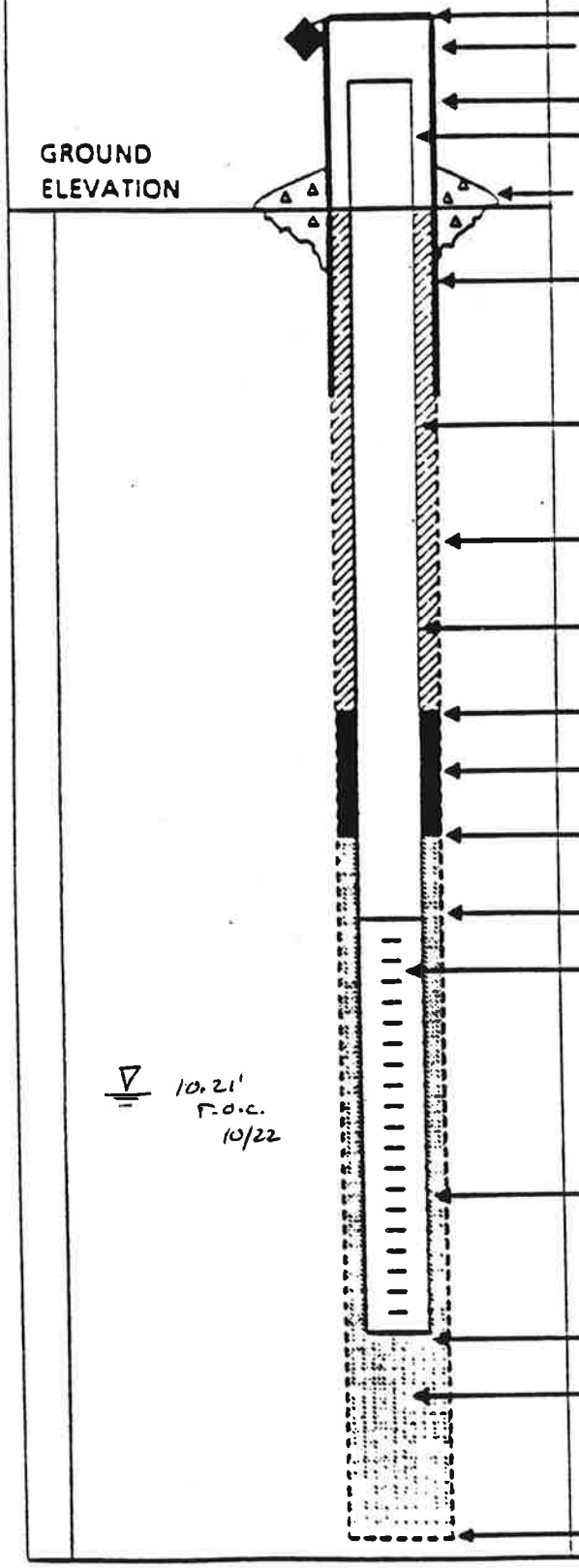
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-112 (OFS-4)
DATE: 8-10-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK-UP TOP OF SURFACE CASING: 0' G.S
STICK-UP RISER PIPE: -4½" G.S
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 4"-5"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' G.S
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 3' G.S
ELEVATION / DEPTH TOP OF SCREEN: 5'4½" G.S
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15'4½" G.S
ELEVATION / DEPTH BOTTOM OF SAND PACK: 16' G.S
TYPE OF BACKFILL BELOW OBSERVATION WELL: CAVED MATERIAL & BEST NO. 1 QUARTZ SAND
ELEVATION / DEPTH OF HOLE: 16' G.S.

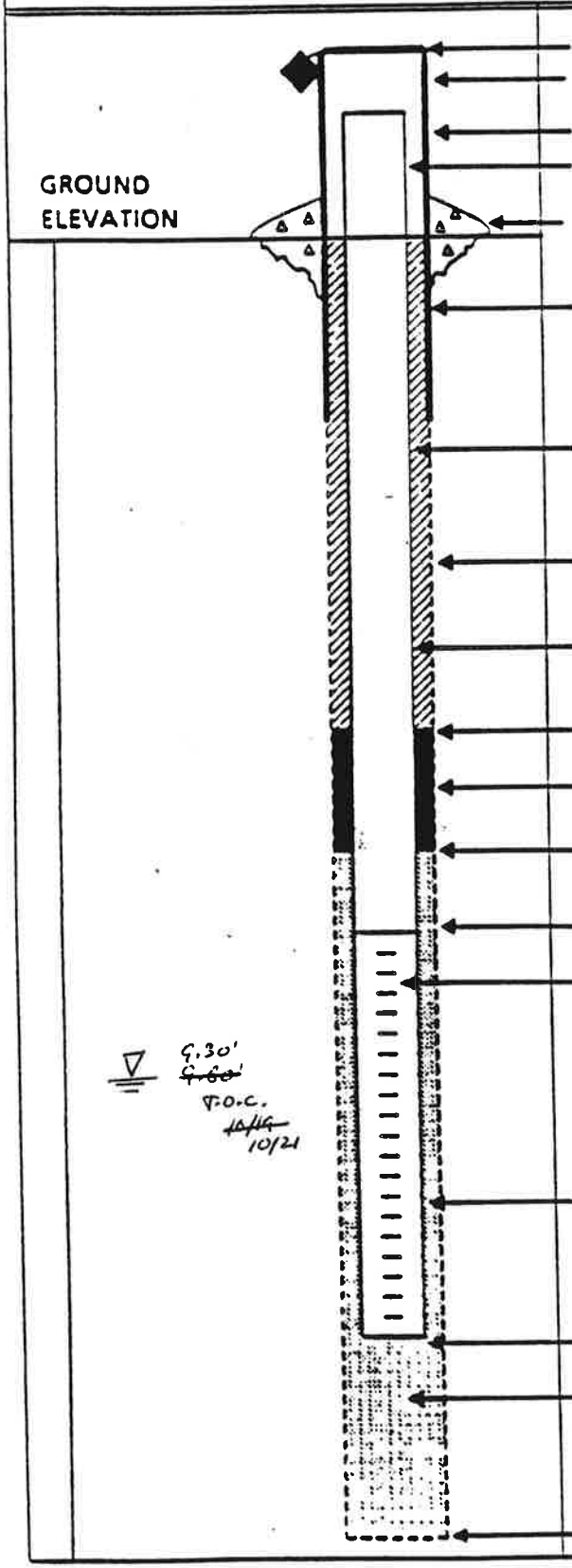
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT ALLIED PHASE II RFI
PROJECT NO. 0091
ELEVATION
FIELD GEOLOGIST R. GOOD

LOCATION FRANKFORD
BORING MW-113 (OSS-10)
DATE 8-10-93

DRILLER PAUL WADDEL
DRILLING METHOD HSA
DEVELOPMENT METHOD



ELEVATION OF TOP OF SURFACE CASING :
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S.
STICK - UP RISER PIPE : -8" G.S
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 3' 6" G.S
ELEVATION / DEPTH TOP OF SCREEN: 5' 8" G.S
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15' 8" G.S.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 17' G.S
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND
ELEVATION / DEPTH OF HOLE: 17' G.S.

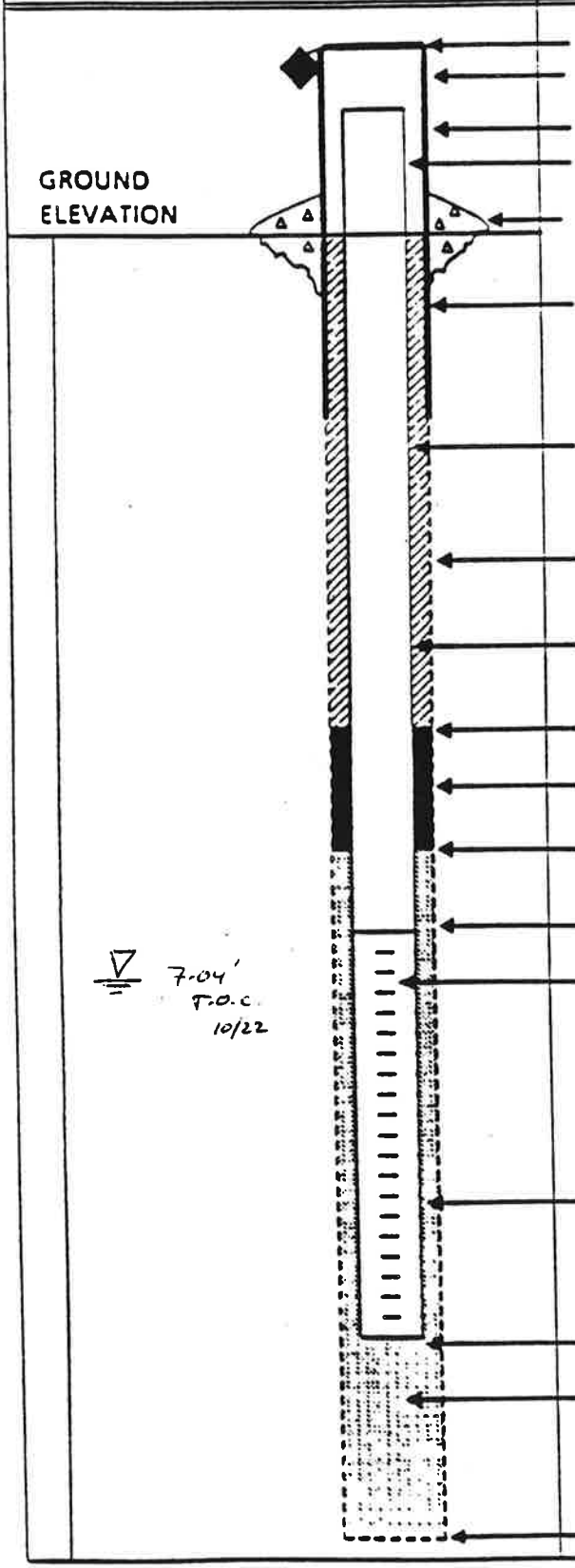
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-114 (OPS-6)
DATE: 8-11-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S
STICK - UP RISER PIPE: -3½" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 4"-5"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 3'6" G.S.
ELEVATION / DEPTH TOP OF SCREEN: 5' 3½" G.S
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15' 3½" G.S
ELEVATION / DEPTH BOTTOM OF SAND PACK: 16' G.S.
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MATERIAL
ELEVATION / DEPTH OF HOLE: 16' G.S.

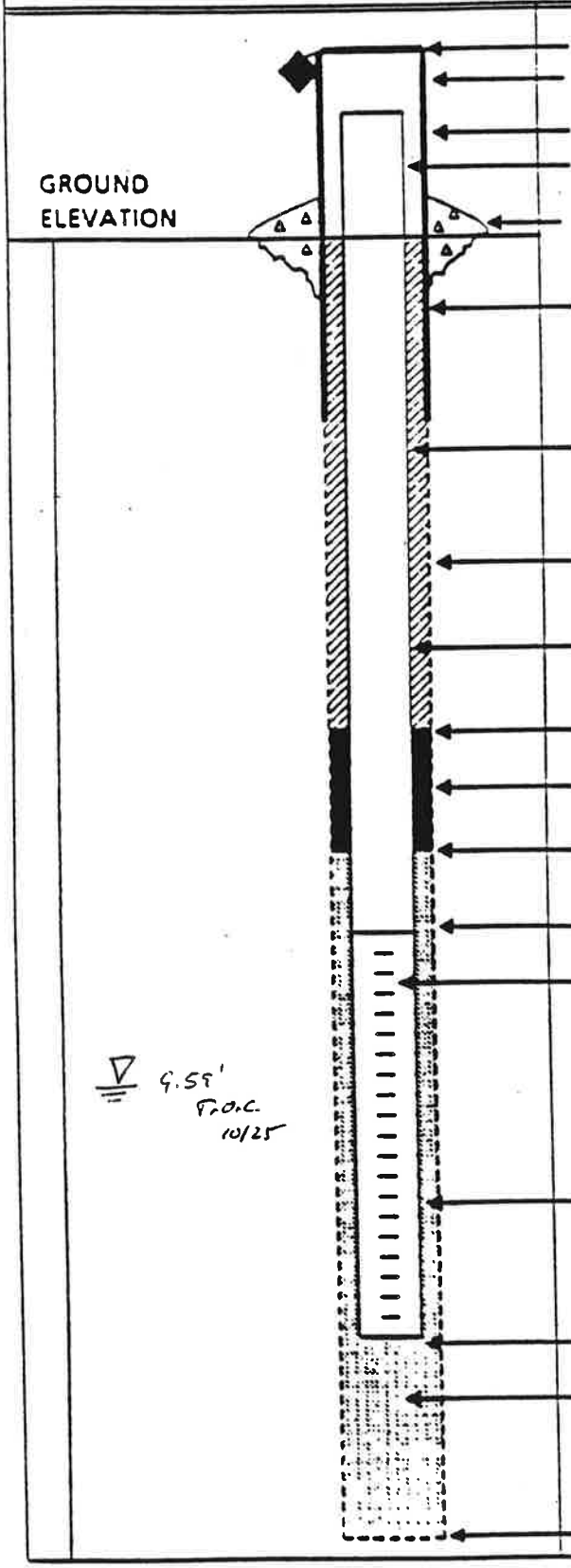
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-115 (OSS-13)
DATE: 8-11-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S.
STICK - UP RISER PIPE: -5" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 3' 6" G.S.
ELEVATION / DEPTH TOP OF SCREEN: 5' 5" G.S.
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15' 5" G.S
ELEVATION / DEPTH BOTTOM OF SAND PACK: 16' G.S
TYPE OF BACKFILL BELOW OBSERVATION WELL: CAVED MATERIAL & BEST NO. 1 QUARTZ SAND
ELEVATION / DEPTH OF HOLE: 16' G.S.

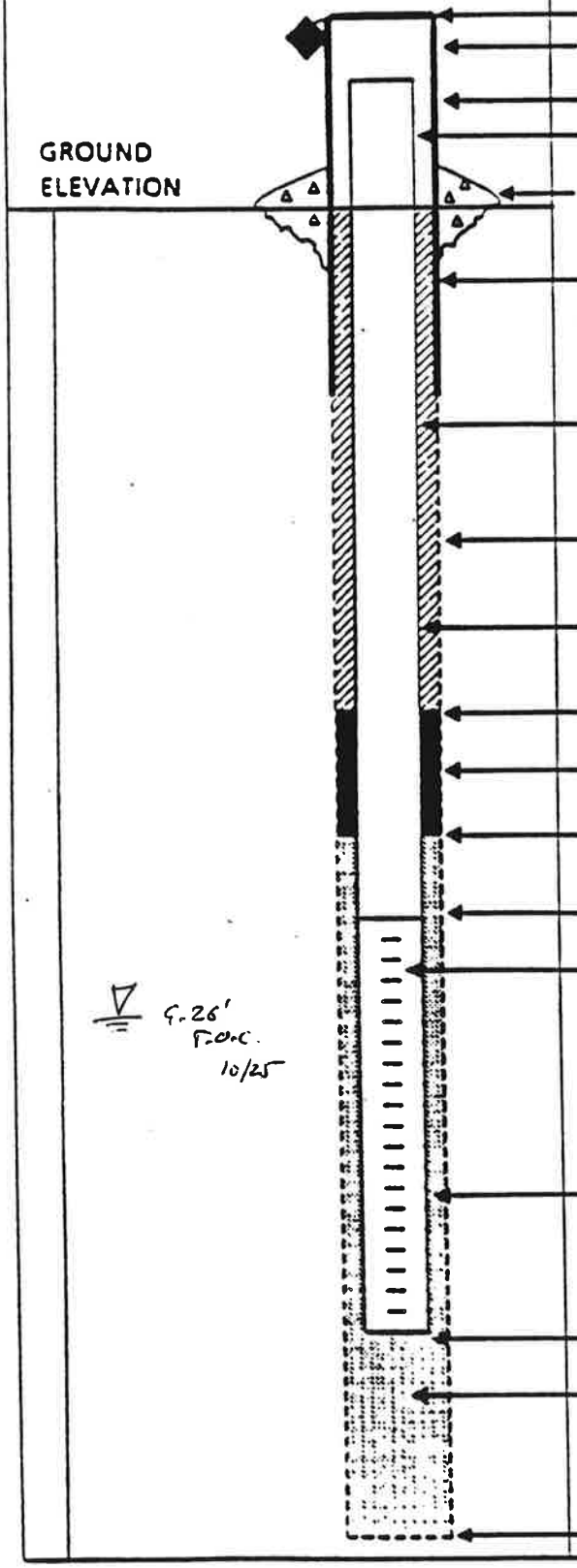
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT ALLIED PHASE II RFI
PROJECT NO. 0091
ELEVATION
FIELD GEOLOGIST R. GOOD

LOCATION FRANKFORD
BORING MW-116 (OFS-7)
DATE 8-12-93

DRILLER PAUL WADDEL
DRILLING METHOD HSA
DEVELOPMENT METHOD



ELEVATION OF TOP OF SURFACE CASING :
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S
STICK - UP RISER PIPE : -4" G.S
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 4-5"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 3'6" G.S.
ELEVATION / DEPTH TOP OF SCREEN: 5'4" G.S.
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15'4" G.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 17' G.S
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVEO MAT'L
ELEVATION / DEPTH OF HOLE: 17' G.S

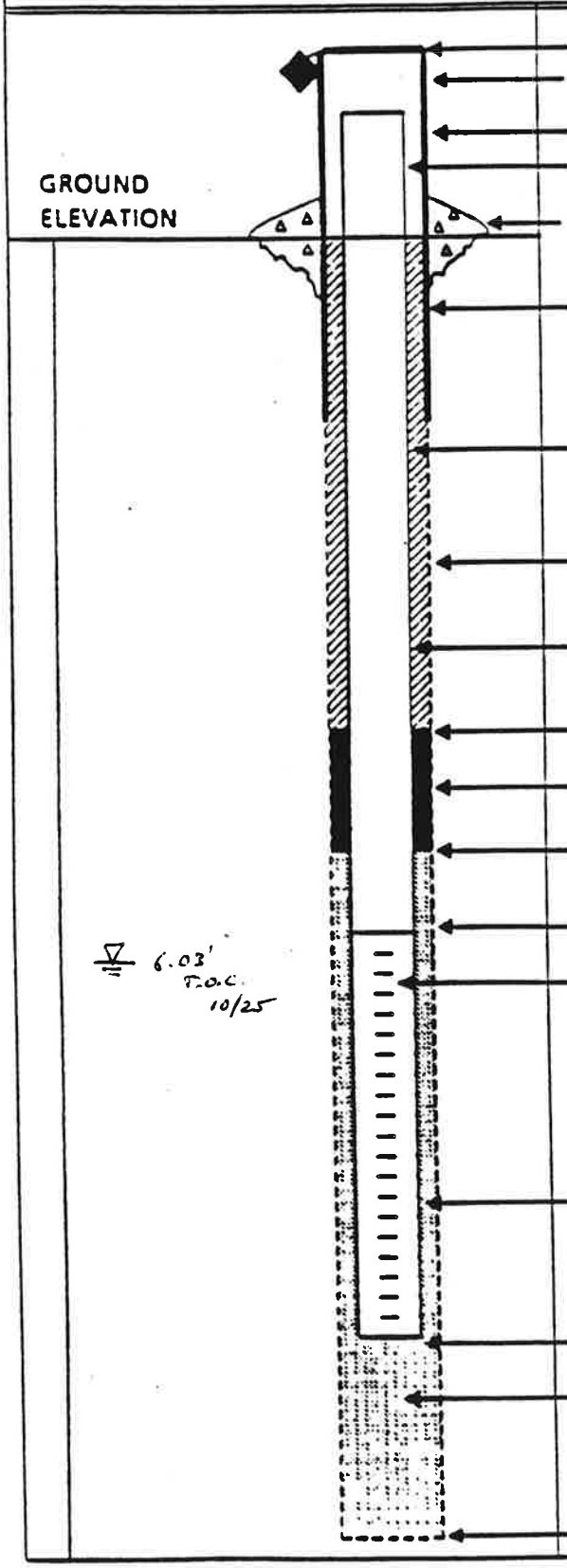
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-11B (OSS-8)
DATE: 8-12-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK-UP TOP OF SURFACE CASING: 0' G.S
STICK-UP RISER PIPE: -5½" G.S
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' G.S
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 3½' G.S
ELEVATION / DEPTH TOP OF SCREEN: 5' 5½" G
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15' 5½" G
ELEVATION / DEPTH BOTTOM OF SAND PACK: 16' G
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MAT'L
ELEVATION / DEPTH OF HOLE: 16' G

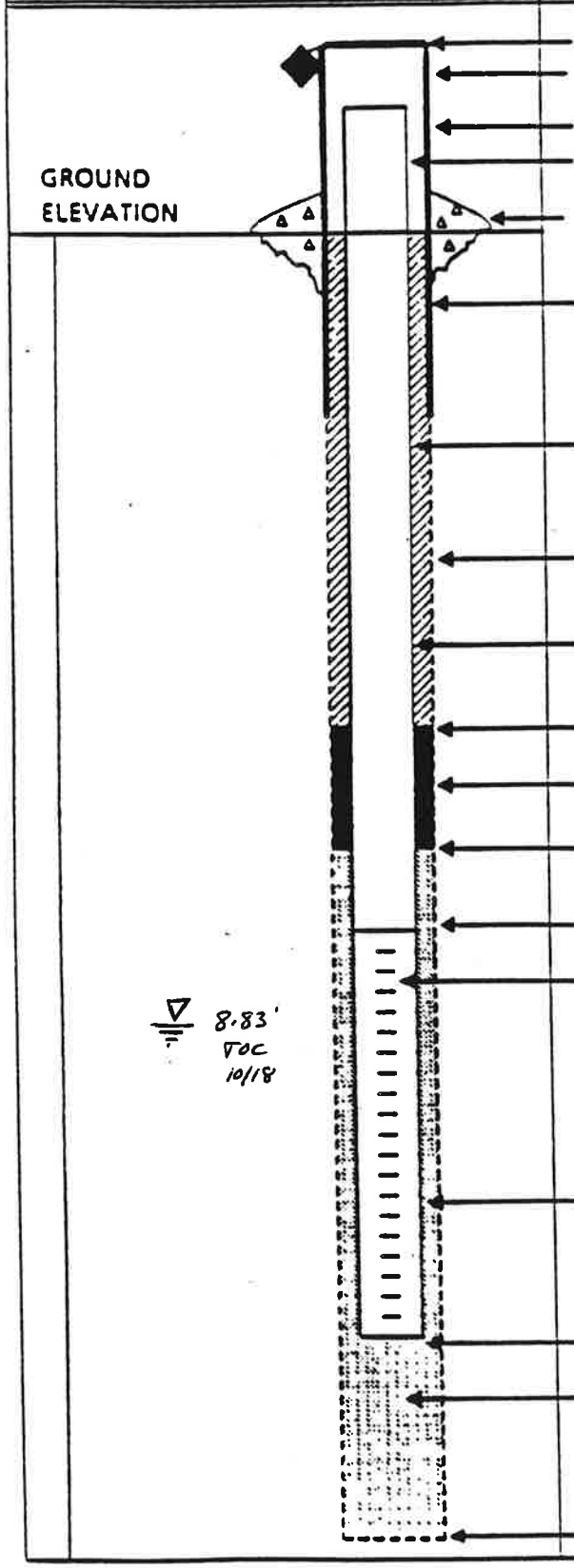
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: AA FRANKFORD
BORING: MW-118 (OSS-4)
DATE: 8-13-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S.
STICK - UP RISER PIPE: 5" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' 3" G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 3' 6" G.S.
ELEVATION / DEPTH TOP OF SCREEN: 5' 5" G.S
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15' 5" G.S
ELEVATION / DEPTH BOTTOM OF SAND PACK: 16' G.S
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MAT'L
ELEVATION / DEPTH OF HOLE: 16' G.S

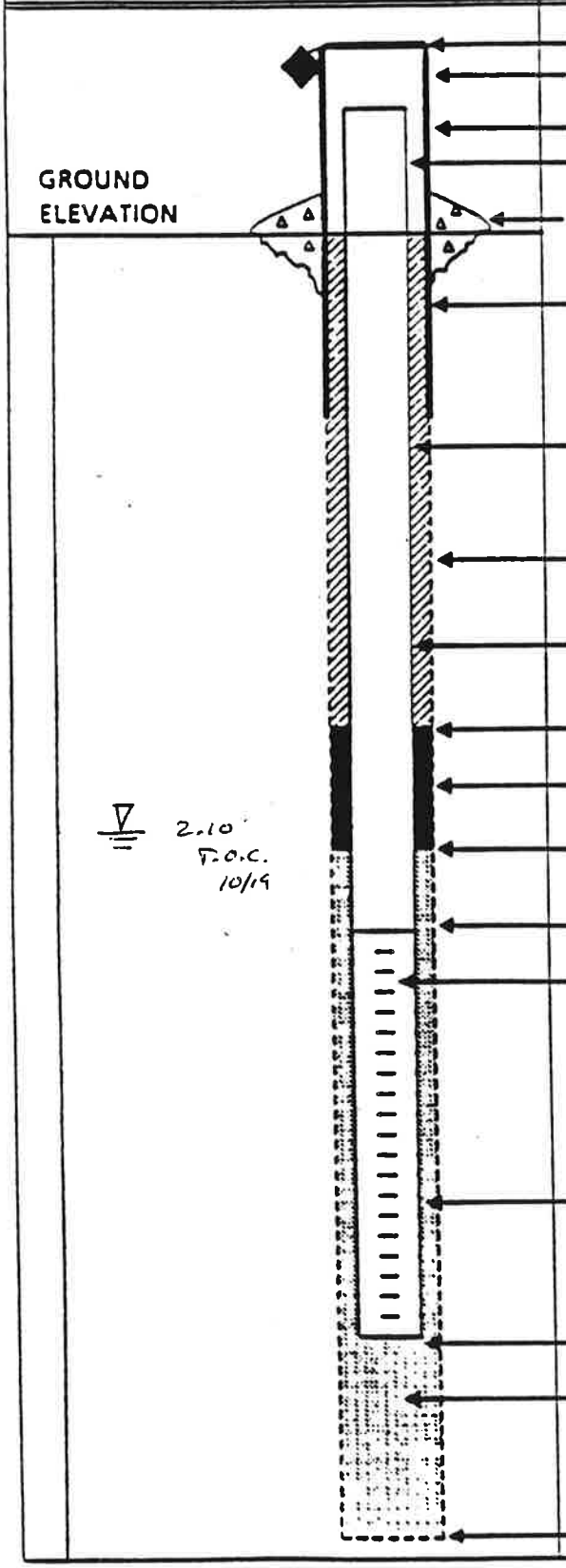
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-119 (OSS-5)
DATE: 8-16-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA.
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S.
STICK - UP RISER PIPE: -4½" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 2'6" G.S
ELEVATION / DEPTH TOP OF SCREEN: 3'4½" RE 8/16 ~~2'8"~~ G.S.
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 13'4½" G
ELEVATION / DEPTH BOTTOM OF SAND PACK: 15' G.S.
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MAT'L
ELEVATION / DEPTH OF HOLE: 15' G.S.

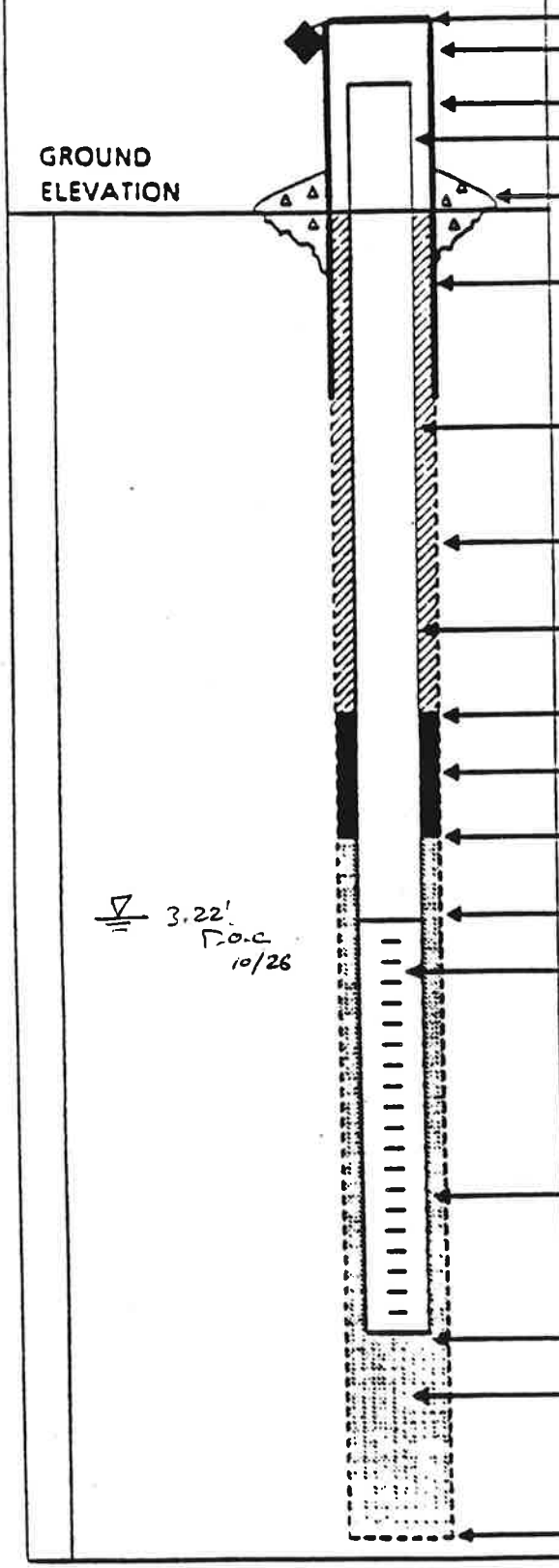
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFE
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-120 (OFS-3)
DATE: 9-1-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S.
STICK - UP RISER PIPE: -3½" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 4"-5"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 2'6" G.S.
ELEVATION / DEPTH TOP OF SCREEN: 3'3½" G.S
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 13'3½" G.S.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 14' G.S
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MATERIAL
ELEVATION / DEPTH OF HOLE: 14' G.S.

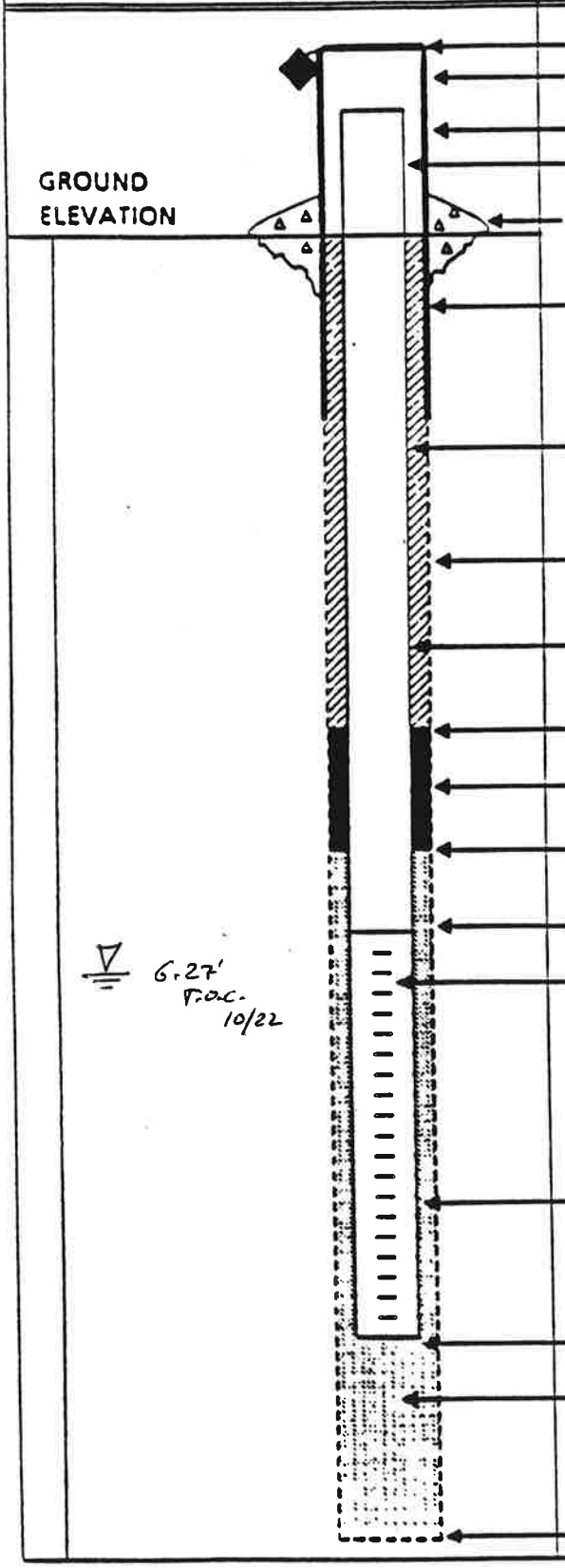
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-12I (OFS-5)
DATE: 9-1-93

DRILLER: PAUL WADDEL
DRILLING METHOD: H.S.A.
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S.
STICK - UP RISER PIPE: -4" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 4"-5"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 2'6" G.S.
ELEVATION / DEPTH TOP OF SCREEN: 5'4" G.S.
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15'4" G.S.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 16' G.S.
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MATERIAL
ELEVATION / DEPTH OF HOLE: 16' G.S.

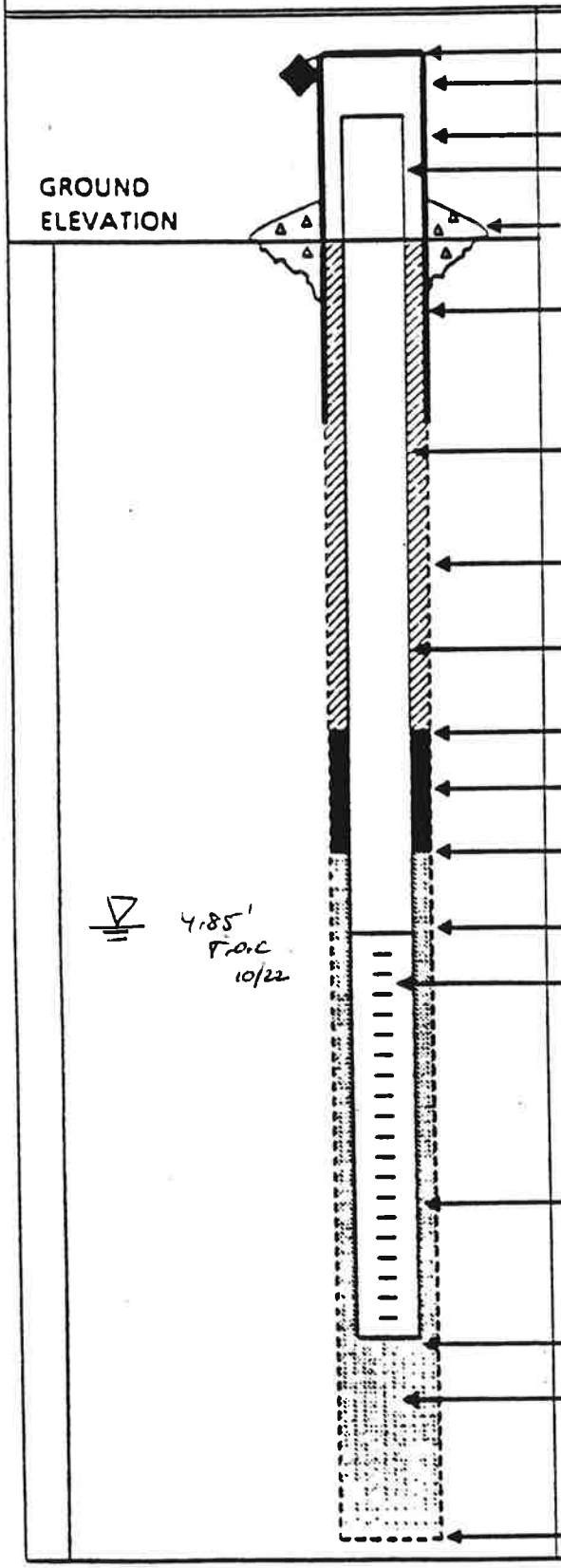
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-122 (OFS-2)
DATE: 9-2-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK-UP TOP OF SURFACE CASING: 0' G.S.
STICK-UP RISER PIPE: - 3½" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 4" - 5"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' 6" G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 3' 6" G.S.
ELEVATION / DEPTH TOP OF SCREEN: 5' 3½" G.S
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15' 3½" G.S
ELEVATION / DEPTH BOTTOM OF SAND PACK: 16' G.S
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MATERIAL
ELEVATION / DEPTH OF HOLE: 16' G.S.

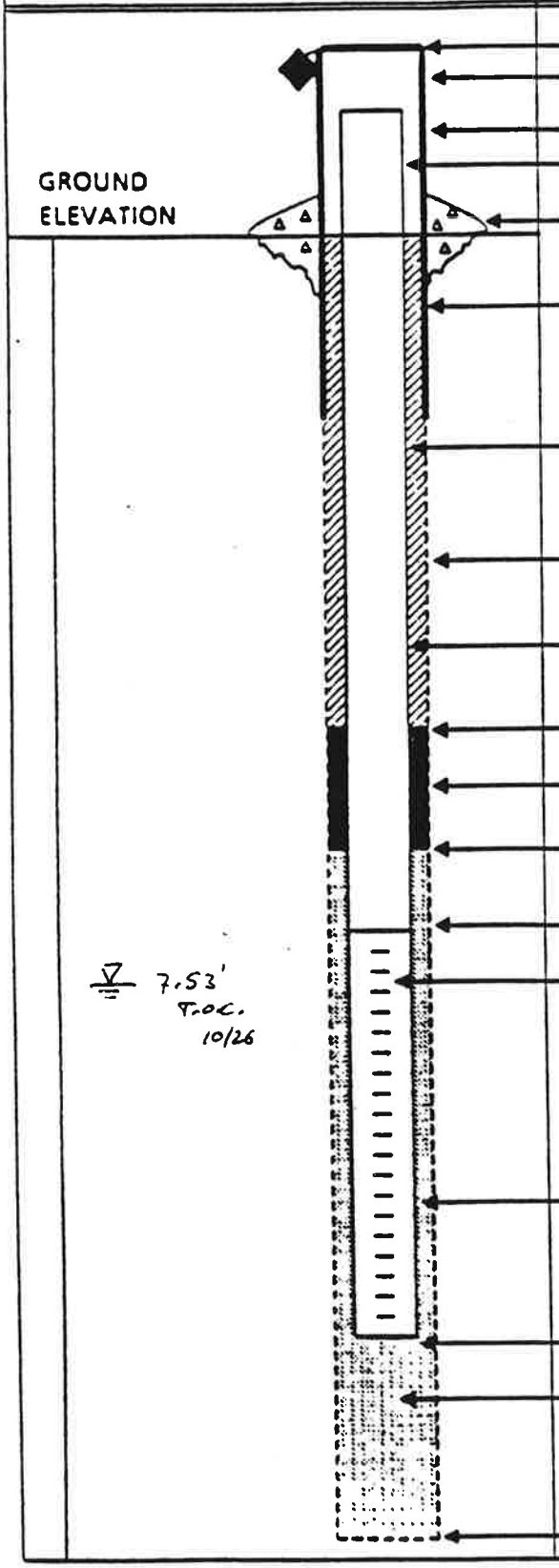
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFE
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-123 (OSS-12)
DATE: 9-10-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S.
STICK - UP RISER PIPE: 5" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 8"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT
ELEVATION / DEPTH TOP OF SEAL: 1' G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 3' G.S.
ELEVATION / DEPTH TOP OF SCREEN: 5' 5" G.S.
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
ELEVATION / DEPTH BOTTOM OF SCREEN: 15' 5" G.S.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 16' G.S.
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MATERIAL
ELEVATION / DEPTH OF HOLE: 16' G.S.

C.2 DEEP MONITORING WELL CONSTRUCTION DIAGRAM

NUS CORPORATION

BORING NO.: MW-301

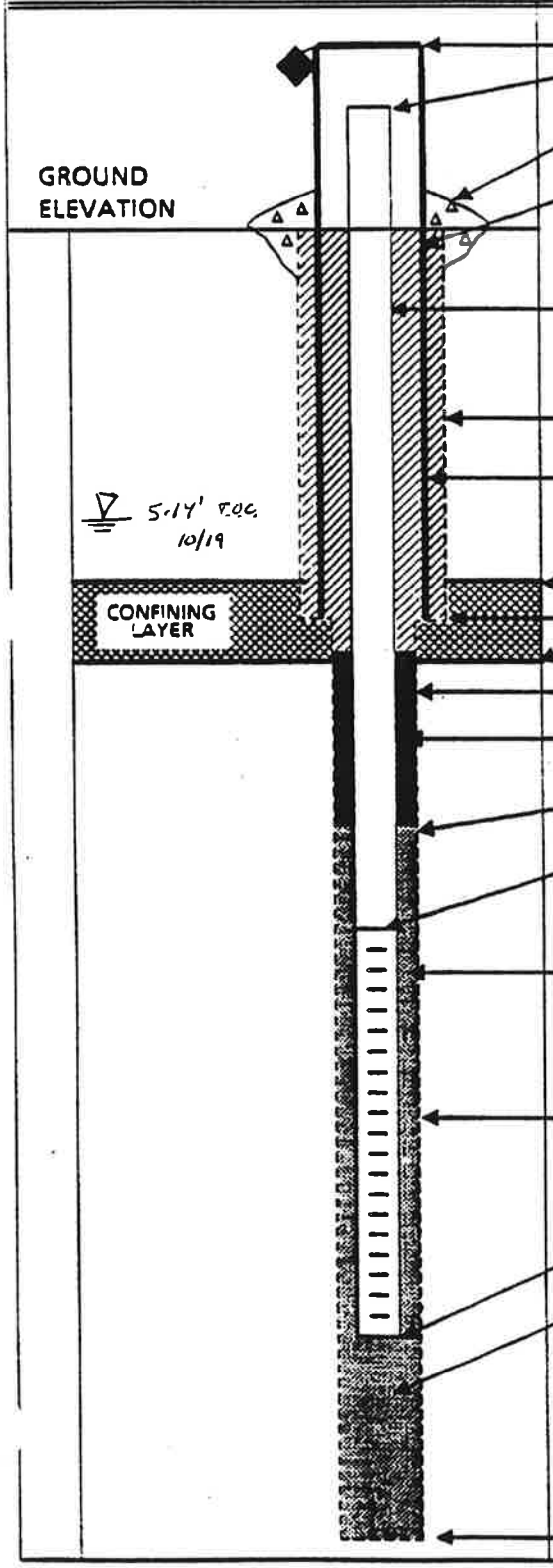
CONFINING LAYER
MONITORING WELL SHEET

5-87

PROJECT ALLIED PHASE II RFI
PROJECT NO. 0091
ELEVATION
FIELD GEOLOGIST R. GOOD

LOCATION FRANKFORD
BORING MW-301 (OW-2)
DATE 8-17-93 & 9-9-93

DRILLER PAUL WADDEL
DRILLING METHOD HSA
DEVELOPMENT METHOD



~~ELEVATION~~ DEPTH OF TOP OF PERM. CASING: 0' G.S.
~~ELEVATION~~ DEPTH OF TOP OF RISER PIPE: 5½" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF PERM. CASING: 10"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: ~ 20"
PERM. CASING I.D. 10"
TYPE OF CASING & BACKFILL: STEEL w/ CEMENT GROUT
ELEVATION / DEPTH TOP CONFINING LAYER: 6' G.S.
ELEVATION / DEPTH BOTTOM OF CASING: 10' G.S.
ELEVATION / DEPTH BOT. CONFINING LAYER: 33' G.S.
ELEVATION / DEPTH TOP OF SEAL: 24' G.S.
TYPE OF SEAL: BENTONITE SLURRY
DEPTH TOP OF SAND PACK: 32' 6" G.S.
ELEVATION / DEPTH TOP OF SCREEN: 35' 5½" G.S.
TYPE OF SCREEN: JOHNSON 316 STAINLESS 2" I.D., 0.010" SLOTTED
TYPE OF SAND PACK: BEST NO. 1 QUARTZ
BOREHOLE DIA. BELOW CASING: 8"
ELEVATION / DEPTH BOTTOM OF SCREEN: 40' 5½" G.S.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 41' 6" G.S.
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MARL
ELEVATION / DEPTH OF HOLE: 41' 6" G.S.

NUS CORPORATION

BORING NO.: MW-302

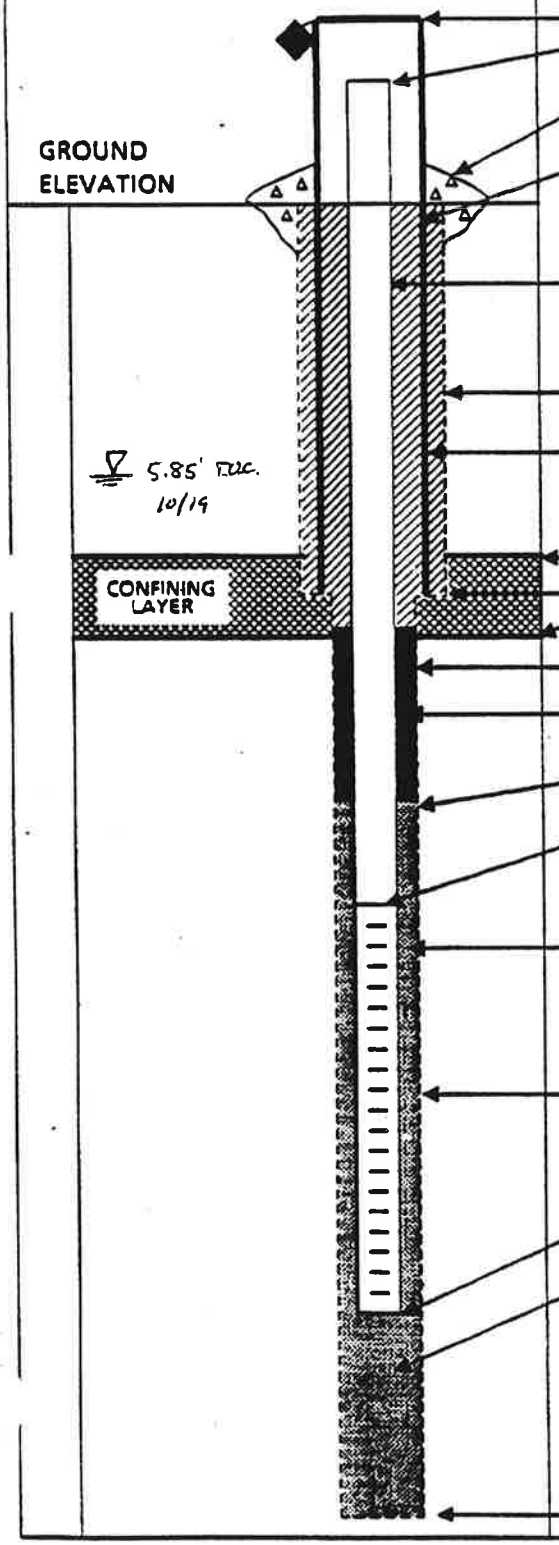
CONFINING LAYER MONITORING WELL SHEET

15.87

PROJECT ALLIED PHASE II RFI
PROJECT NO. 0091
ELEVATION
FIELD GEOLOGIST R. GOOD

LOCATION FRANKFORD
BORING MW-302 (DW-5)
DATE 8-18-93 ; 8-20-93 ; 8-24-93

DRILLER PAUL WADDEL
DRILLING METHOD HSA
DEVELOPMENT METHOD



~~ELEVATION~~ DEPTH OF TOP OF PERM. CASING: 0' G.S.
~~ELEVATION~~ DEPTH OF TOP OF RISER PIPE: 5½" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF PERM. CASING: 10"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: ~ 20"
PERM. CASING I.D. 10"
TYPE OF CASING & BACKFILL: STEEL w/ CEMENT GROUT
ELEVATION / DEPTH TOP CONFINING LAYER: 7' G.S.
ELEVATION / DEPTH BOTTOM OF CASING: 10' 6" G.S.
ELEVATION / DEPTH BOT. CONFINING LAYER: 20' G.S.
ELEVATION / DEPTH TOP OF SEAL: 25' G.S.
TYPE OF SEAL: BENTONITE SLURRY
DEPTH TOP OF SAND PACK: 32' 6" G.S.
ELEVATION / DEPTH TOP OF SCREEN: 35' 5½" G.S.
TYPE OF SCREEN: JOHNSON 316 STAINLESS 2" I.D. ; 0.010" SLOTTED
TYPE OF SAND PACK: BEST NO. 1 QUARTZ SAND
BOREHOLE DIA. BELOW CASING: 8"
ELEVATION / DEPTH BOTTOM OF SCREEN: 45' 5½" G.S.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 45' 5½" G.S.
TYPE OF BACKFILL BELOW OBSERVATION WELL: CAVED MATERIAL
ELEVATION / DEPTH OF HOLE: 47' G.S.

NUS CORPORATION

BORING NO.: MW-303

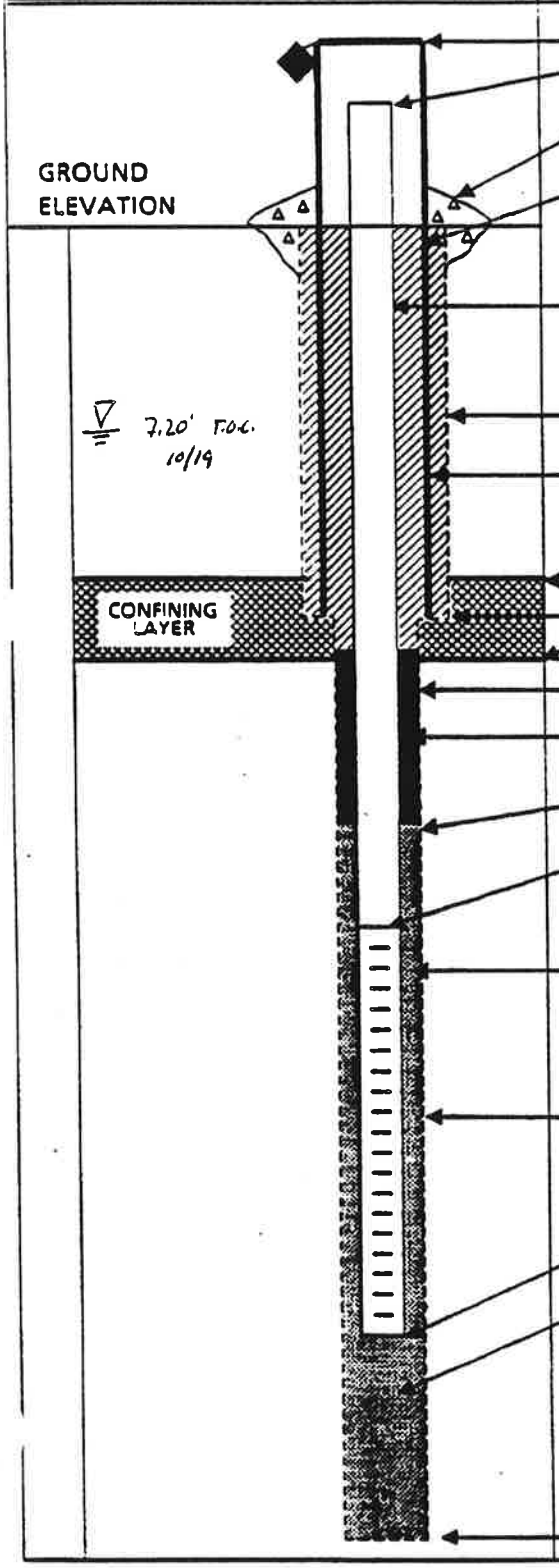
CONFINING LAYER
MONITORING WELL SHEET

5-87

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-303 (DB-2)
DATE: 8-18-93; 8-19-93; 8-25-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



~~ELEVATION~~ DEPTH OF TOP OF PERM. CASING: 0' G.S.
~~ELEVATION~~ DEPTH OF TOP OF RISER PIPE: 8¾" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF PERM. CASING: 10"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: ~20"
PERM. CASING I.D. 10"
TYPE OF CASING & BACKFILL: STEEL w/ CEMENT GROUT
ELEVATION / DEPTH TOP CONFINING LAYER: 26' G.S.
ELEVATION / DEPTH BOTTOM OF CASING: 30' G.S.
ELEVATION / DEPTH BOT. CONFINING LAYER: 38' G.S.
ELEVATION / DEPTH TOP OF SEAL: 29' G.S.
TYPE OF SEAL: BENTONITE SLURRY
DEPTH TOP OF SAND PACK: 36' G.S.
ELEVATION / DEPTH TOP OF SCREEN: 37' 8¾" G.S.
TYPE OF SCREEN: JOHNSON 316 STAINLESS, 2" I.D., 0.010" SLOTTED
TYPE OF SAND PACK: BEST NO. 1 QUARTZ SAND
BOREHOLE DIA. BELOW CASING: 8"
ELEVATION / DEPTH BOTTOM OF SCREEN: 42' 8¾" G.S.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 43' G.S.
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MAT'L
ELEVATION / DEPTH OF HOLE: 43' G.S.

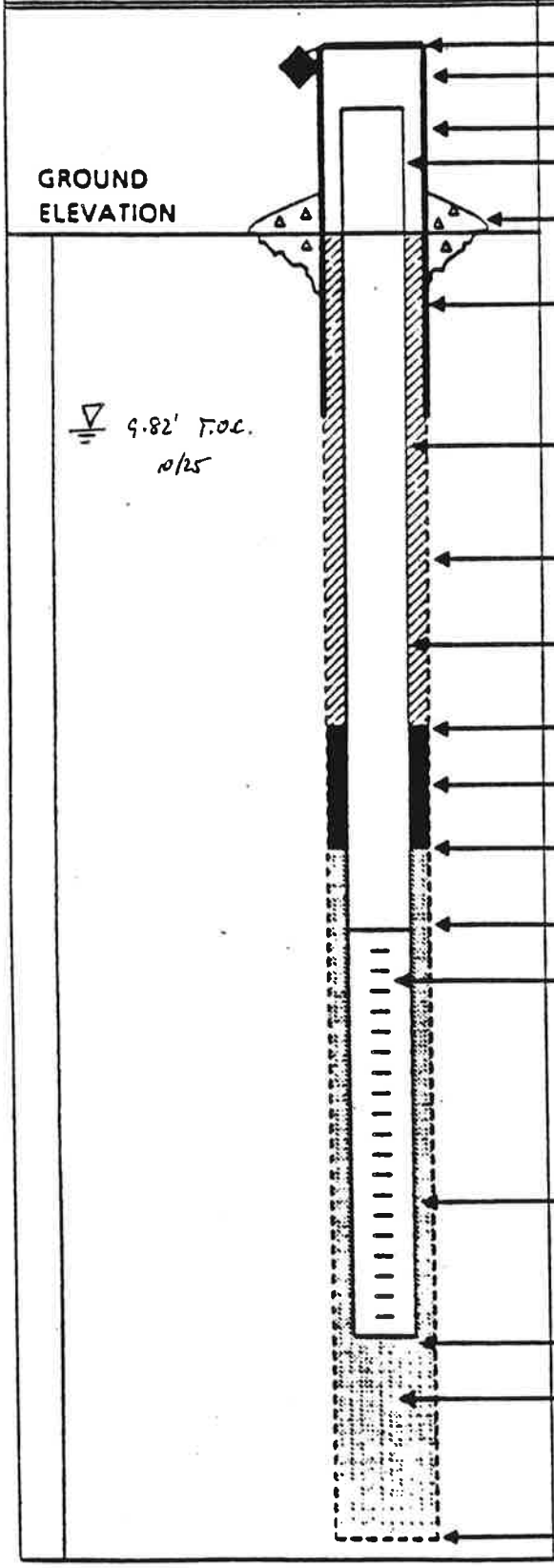
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0041
ELEVATION:
FIELD GEOLOGIST: R. GOON

LOCATION: FRANKFORD
BORING: MW-304 (OW-4)
DATE: 8-26-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S.
STICK - UP RISER PIPE: -4" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT GROUT
ELEVATION / DEPTH TOP OF SEAL: 24' 6" G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 30' G.S.
ELEVATION / DEPTH TOP OF SCREEN: 33' 4" G.S.
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ SAND
ELEVATION / DEPTH BOTTOM OF SCREEN: 38' 4" G.S.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 39' G.S.
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MATERIAL
ELEVATION / DEPTH OF HOLE: 39' G.S.

NUS CORPORATION

BORING NO.: MW-305

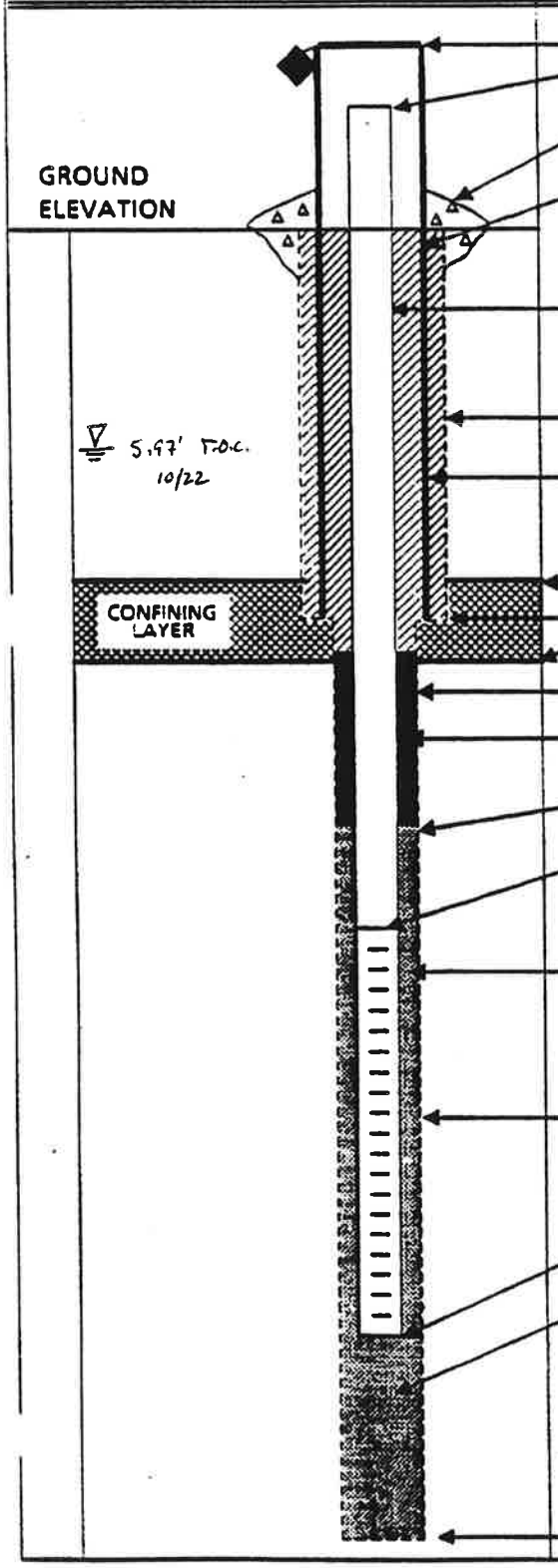
CONFINING LAYER
MONITORING WELL SHEET

5-87

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 0091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-305 (OW-1)
DATE: 9-13-93 ; 9-14-93

DRILLER: PAUL WADDIEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



~~ELEVATION~~ DEPTH OF TOP OF PERM. CASING: 0' G.S.
~~ELEVATION~~ DEPTH OF TOP OF RISER PIPE: 5¾" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF PERM. CASING: 10"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: ~20"
PERM. CASING I.D 10"
TYPE OF CASING & BACKFILL: STEEL w/ CEMENT GROUT
ELEVATION / DEPTH TOP CONFINING LAYER: 10' G.S.
ELEVATION / DEPTH BOTTOM OF CASING: 17' G.S.
ELEVATION / DEPTH BOT. CONFINING LAYER: 20' G.S.
ELEVATION / DEPTH TOP OF SEAL: 32' G.S.
TYPE OF SEAL: BENTONITE SLURRY
DEPTH TOP OF SAND PACK: 35' 7" G.S.
ELEVATION / DEPTH TOP OF SCREEN: 37' 5¾" G.S.
TYPE OF SCREEN: JOHNSON 316 STAINLESS, 2" I.D., 0.010" SLOTTED
TYPE OF SAND PACK: BEST NO. 1 QUARTZ SAND
BOREHOLE DIA. BELOW CASING: 8"
ELEVATION / DEPTH BOTTOM OF SCREEN: 42' 5¾" G.S.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 43' G.S.
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MATERIAL
ELEVATION / DEPTH OF HOLE: 43' G.S.

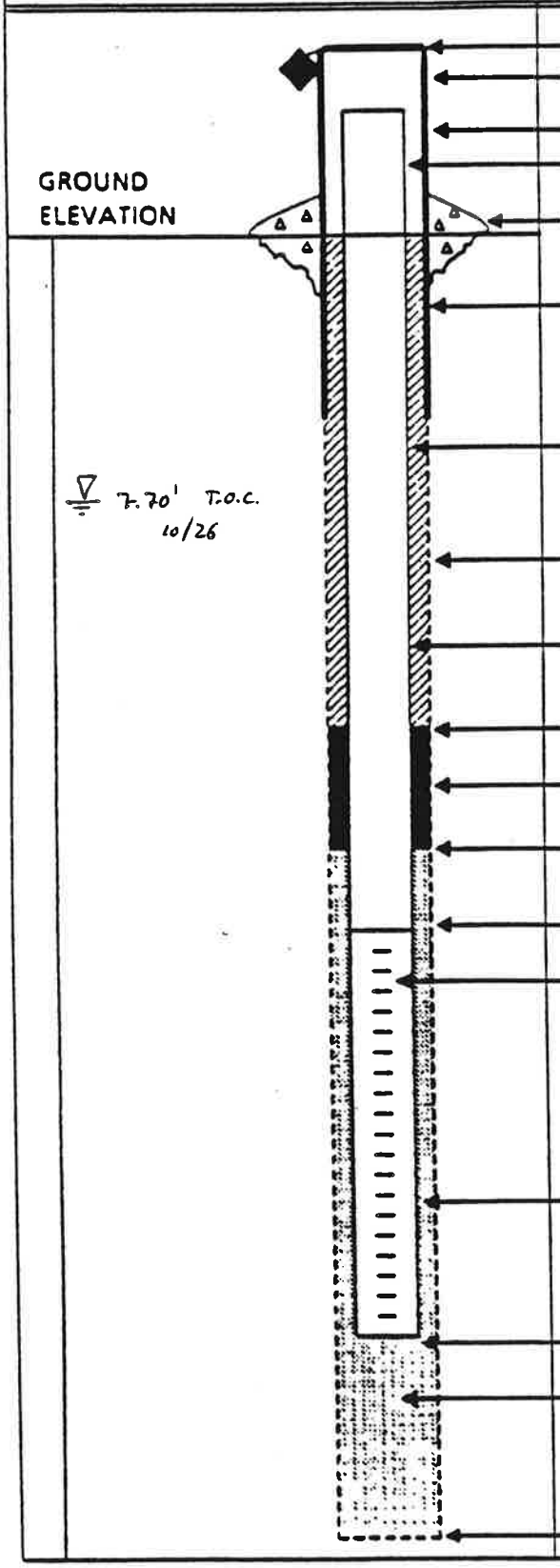
HALLIBURTON NUS
Environmental Corporation

MONITORING WELL SHEET

PROJECT: ALLIED PHASE II RFI
PROJECT NO.: 1X091
ELEVATION:
FIELD GEOLOGIST: R. GOOD

LOCATION: FRANKFORD
BORING: MW-306 (OW-3)
DATE: 9-15-93 ; 9-20-93

DRILLER: PAUL WADDEL
DRILLING METHOD: HSA
DEVELOPMENT METHOD:



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
STICK - UP TOP OF SURFACE CASING: 0' G.S.
STICK - UP RISER PIPE: -2½" G.S.
TYPE OF SURFACE SEAL: CEMENT
I.D. OF SURFACE CASING: 6"
TYPE OF SURFACE CASING: STEEL
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: JOHNSON 316 STAINLESS
BOREHOLE DIAMETER: 8"
TYPE OF BACKFILL: CEMENT GROUT
ELEVATION / DEPTH TOP OF SEAL: 27' G.S.
TYPE OF SEAL: BENTONITE PELLET
DEPTH TOP OF SAND PACK: 32' G.S.
ELEVATION / DEPTH TOP OF SCREEN: 35' 2½" G.S.
TYPE OF SCREEN: JOHNSON 316 STAINLESS
SLOT SIZE x LENGTH: 0.010"
I.D. OF SCREEN: 2"
TYPE OF SAND PACK: BEST NO. 1 QUARTZ SAND
ELEVATION / DEPTH BOTTOM OF SCREEN: 40' 2½" G.S.
ELEVATION / DEPTH BOTTOM OF SAND PACK: 42' 6" G.S.
TYPE OF BACKFILL BELOW OBSERVATION WELL: BEST NO. 1 QUARTZ SAND & CAVED MAT'L
ELEVATION / DEPTH OF HOLE: 42' 6" G.S.