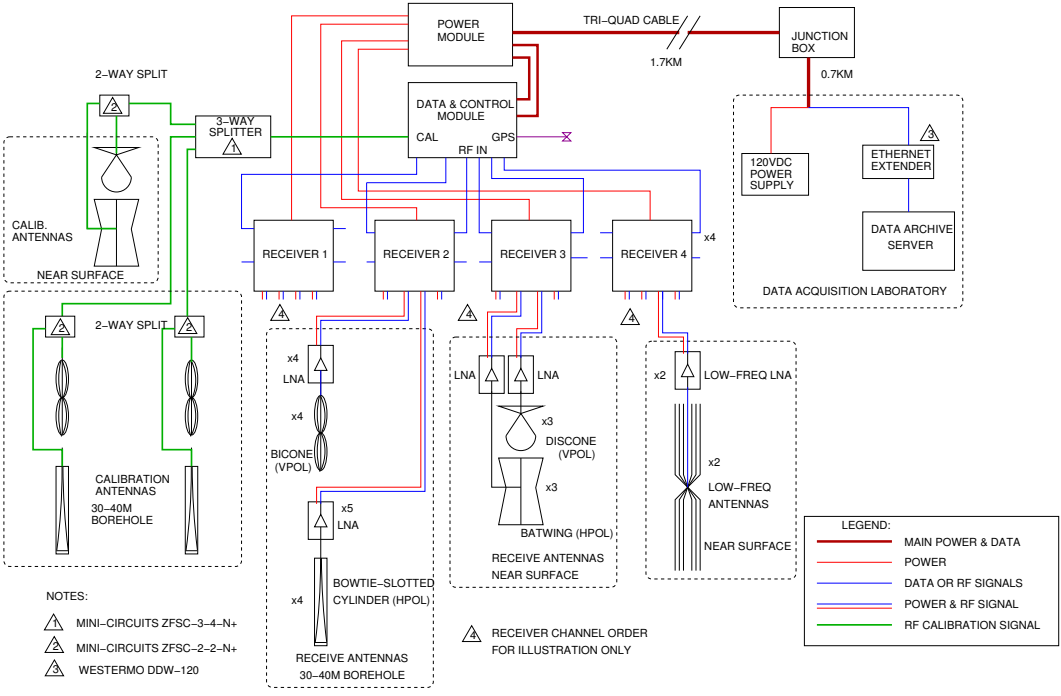

POWER MODULE
TRI–QUAD CABLE
1.7KM
JUNCTION BOX
0.7KM
2–WAY SPLIT
3–WAY SPLITTER
DATA & CONTROL MODULE
CAL
GPS
RF IN
CALIB. ANTENNAS
NEAR SURFACE
120VDC POWER SUPPLY
ETHERNET EXTENDER
DATA ARCHIVE SERVER
DATA ACQUISITION LABORATORY
RECEIVER 1
RECEIVER 2
RECEIVER 3
RECEIVER 4
x4
2–WAY SPLIT
CALIBRATION ANTENNAS
30–40M BOREHOLE
x4
LNA
x4
BICONE (VPOL)
x5
LNA
x4
BOWTIE–SLOTTED CYLINDER (HPOL)
RECEIVE ANTENNAS
30–40M BOREHOLE
LNA
LNA
x3
DISCONE (VPOL)
x3
BATWING (HPOL)
RECEIVE ANTENNAS
NEAR SURFACE
x2
LOW–FREQ LNA
x2
LOW–FREQ ANTENNAS
NEAR SURFACE
LEGEND:
MAIN POWER & DATA
POWER
DATA OR RF SIGNALS
POWER & RF SIGNAL
RF CALIBRATION SIGNAL
NOTES:
1 MINI–CIRCUITS ZFSC–3–4–N+
2 MINI–CIRCUITS ZFSC–2–2–N+
3 WESTERMO DDW–120
4 RECEIVER CHANNEL ORDER FOR ILLUSTRATION ONLY