



2519 Fairway Park Drive,
Houston, TX 77092
www.corenvirons.com
Phone: +18326590968; cell:-+18325187575

LIST OF SERVICES

S/N	ANALYSIS / TEST DESCRIPTION	TEST METHOD
1	CORE SLABBING & PREPARATION PRIOR TO CORE PHOTOGRAPHY - (Per Foot)	API RP40
2	DIGITAL CORE PHOTOGRAPHY - White light & UV Light - (ASTM D5079)	ASTM D5079
3	DIGITAL CORE PHOTO ARCHIVING; UPLOADING OF CORE PHOTOS ON OUR SECURE WEBSITE FOR ONLINE ACCESS, VIEWING & DOWNLOADS.	API RP40
4	MOISTURE CONTENT	ASTM D2216
5	VOLUMETRIC MIOSTURE CONTENT (Water only)	API RP40
6	DRY BULK DENSITY	ASTM 2937
7	TOTAL SUSPENDED SOLIDS, TSS	ASTM D2540
8	SEDIMENT CONCENTRATION IN WATER	ASTM D3977
9	SILT DENSITY MEASUREMENT	ASTM D4189
10	FLUID PROPERTIES PACKAGE - 3 Temperatures - (ASTM D1481, ASTM D445, ASTM D971)	ASTM D1481, ASTM D445, ASTM D971
11	DENSITY & VISCOSITY ONLY FOR NAPL/DNAPL & GROUNDWATER (Per Fluid)	ASTM D1481, ASTM D445
12	INTERFACIAL TENSION (IFT) & DENSITY - (3 Phases) - Air-Water; Air-Oil; Oil-Water	ASTM D1481, ASTM D971
13	NAPL CLEANING & PREPARATION FOR PROPERTIES MEASUREMENTS	API RP 40
14	BASIC SEDIMENT & WATER	ASTM D4007
15	OIL FINGER PRINT (FSCOT)	IP 318/75M, FSCOT
16	LASER PARTICLE SIZE ANALYSIS - (ASTM D4464)	ASTM D4464
17	GRAIN SIZE DISTRIBUTION - (ASTM D422)	ASTM D422
18	COMBO SIEVE - (LPSA + DRY SIEVE)	ASTM D4464+ASTM D422
19	GRAIN SIZE ANALYSIS - (ASTM D6913)	ASTM D6913
20	PERCENTAGE PASSING/RETAINED ON #200 SIEVE PAN	ASTM D1140
21	SIEVE + HYDROMETER - (ASTM D7928)	ASTM D7928
22	SOIL PROPERTIES PACKAGE-VADOSE ZONE - (ASTM D2216, API RP40)	ASTM D2216, API RP40
23	PORE FLUID SATURATION PACKAGE - (API RP 40)	API RP 40
24	GRAIN DENSITY MEASUREMENT BY BOYLE'S LAW.	API RP40
25	TOTAL POROSITY/AIR-FILLED/WATER FILLED POROSITY - (API RP40)	API RP40
26	EFFECTIVE POROSITY - Centrifuge Displacement method - (ASTM D425)	ASTM D425
27	SPECIFIC GRAVITY - (ASTM D854)	ASTM D854
28	HYDRAULIC CONDUCTIVITY - (API RP 40, EPA 9100 OR OR ASTM D5084)	API RP 40, EPA 9100 OR OR ASTM D5084
29	HYDRAULIC CONDUCTIVITY PACKAGE - (API RP40, EPA 9100, ASTM D2216)	API RP40, EPA 9100, ASTM D2216
30	INTRINSIC PERMEABILITY TO OIL /NAPL (API RP40)	API RP40
31	GRANULAR PERMEABILITY (ASTM 2434)-CHP or FHP	ASTM 2434
32	AIR PERMEABILITY (Absolute Kair, mD)	API RP40
33	KLINKENBERG PERMEABILITY	API RP40
34	AIR PERMEABILITY OF PARTIALLY SATURATED SOIL SAMPLES	API RP40



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35	VAPOR TRANSPORT PACKAGE – JOHN-ETTINGER	API RP40, EPA 9100, ASTM D2216, ASTM 2937, WALKLEY-BLACK, ASTM D422, ASTM D2487, ASTM D4318
36	CAL-EPA DTSC VAPOR INTRUSION PACKAGE	API RP40, ASTM D2216, ASTM 2937, WALKLEY-BLACK, ASTM D422
37	TCEQ/TNRCC PACKAGE - (API RP40,EPA 9100, WALKLEY, ASTM D2216)	API RP40,EPA 9100, WALKLEY, ASTM D2216
38	TEXAS TRRP TIER II PACKAGE - (API RP40, ASTM D2216, WALKLEY-BLACK)	API RP40, ASTM D2216, WALKLEY-BLACK
39	FREE PRODUCT MOBILITY PACKAGE - (MODIFIED ASTM D425, API RP40)	MODIFIED ASTM D425, API RP40
40	STEP WISE FREE PRODUCT MOBILITY PACKAGE @ VARIOUS CENTRIFUGAL FORCES - 25G, 50G, 100G, 500G, 1000G - (Additional Step)	MODIFIED ASTM D425, API RP40
41	CAPILLARITY PACKAGE (AIR/WATER DRAINAGE OR OIL WATER IMBIBITION - (ASTM D6836, API RP40)	ASTM D6836, API RP40
42	RESIDUAL SATURATION BY WATER DRIVE - (API RP40)	API RP40
43	WETTABILITY BY CONTACT ANGLE METHOD	API RP40
44	TOTAL ORGANIC CARBON - WALKLEY-BLACK METHOD	TOTAL ORGANIC CARBON - WALKLEY-BLACK METHOD
45	ATTERBERG LIMIT - (ASTM D4318)	ASTM D4318
46	USCS SOIL CLASSIFICATION - (ASTM D2487)	ASTM D2487
47	USDA SOIL CLASSIFICATION - (ASTM D2487)	ASTM D2487
48	SOIL PH - (ASTM G-51)	ASTM G-51
49	MINIMUM RESISTIVITY-(ASTM G-57)	ASTM G-57
50	ACID INSOLUBLE RESIDUE - (TEX612J)	TEX612J
51	CLAY LUMPS - (ASTM C142)	ASTM C142
52	LIGHTWEIGHT PIECES - (ASTM C123)	ASTM C123
53	ORGANIC IMPURITIES - (ASTM C40 /AASHTO T21)	ASTM C40 /AASHTO T21
54	RESISTIVITY BY TEX-129-E	TEX-129-E
55	CHLORIDE TEST BY AASHTO T291	AASHTO T291
56	SULPHATE TEST BY AASHTO T290	AASHTO T290
57	DIRECT SHEAR - (ASTM D3080) - (Per Point)	ASTM D3080
58	TRIAXIAL SHEAR (CU) - ASTM D4767) - (Per Point)	ASTM D4767
59	TRIAXIAL SHEAR (UU) - ASTM D2850 - (Per Point)	ASTM D2850
60	UNCONFINED COMPRESSIVE STRENGTH (UCS) - ASTM D2166	ASTM D2166
61	UNCONFINED COMPRESSIVE STRENGTH (UCS) - ASTM D2938	ASTM D2938
62	PROCTOR COMPACTION TEST - ASTM D698	ASTM D698
63	ONE-DIMENSIONAL CONSOLIDATION TEST - ASTM D2435	ASTM D2435
64	CALIFORNIA BEARING RATIO (CBR) - ASTM D1883	ASTM D1883
65	PORE VOLUME COMPRESSIBILITY TEST	API RP40
66	BRINE SENSITIVITY TEST	API RP40
67	CRITICAL VELOCITY TEST	API RP40



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68	K-PHI AT VARIOUS OVERBURDEN PRESSURES (Btw 5 to 7 Pressure Points)	API RP40
69	UNSTEADY-STATE RELATIVE PERMEABILITY (WATER-OIL & GAS OIL) AT RESERVOIR CONDITIONS	API RP40
70	ELECTRICAL PROPERTY TEST (Formation Factor, Resistivity Index & Capillary Pressure)	API RP40