

FLINDERS-1

Field Computations

Source 1

SAGASCO RESOURCES LTD.

Seismograph Service

Delta-t DAQSYS Release 5.05

Survey date: 18TH DEC. 1992

Reference level: DF
 Ref. elevation: 22.3m
 Source depth: 5m
 Surface elevation: 0m

Survey datum: MSL
 Source offset: 47.0m
 Monitor depth: 3.5m
 Water velocity: 1524m/s

MD = Geophone measured depth below DF
 TVDSD = Geophone vertical depth below MSL
 Tpick = Reference break to geophone break
 Tt = Tpick + external reference delay(0ms) + source to monitor delay
 SGO = Source to geophone lateral offset
 Tv = Vertical time from source to geophone
 Ts = Static correction from source to MSL
 Tcorr = Vertical time from MSL to geophone (Tv+Ts)
 Vave = Average velocity from MSL to geophone
 Vint = Interval velocity between indicated depths

Level No	MD (m)	TVDSD (m)	Tpick (ms)	Tt (ms)	SGO (m)	Tv (ms)	Ts (ms)	Tcorr (ms)	Vave (m/s)	Vint (m/s)
* indicates a doubtful Tpick										1837
103	350.0	327.7	176.0	177.0	47.0	175.1	3.3	178.4	1837	-----
102	375.0	352.7	187.0	188.0	47.0	186.3	3.3	189.6	1861	
										2244
101	400.0	377.7	198.0	199.0	47.0	197.4	3.3	200.7	1882	-----
100	425.0	402.7	209.0	210.0	47.0	208.5	3.3	211.8	1901	
99	450.0	427.7	218.0	219.0	47.0	217.6	3.3	220.9	1936	
98	475.0	452.7	228.0	229.0	47.0	227.7	3.3	231.0	1960	
										2476
97	500.0	477.7	238.0	239.0	47.0	237.8	3.3	241.1	1981	-----
96	525.0	502.7	248.0	249.0	47.0	247.9	3.3	251.2	2001	
95	550.0	527.7	257.0	258.0	47.0	256.9	3.3	260.2	2028	
94	575.0	552.7	266.0	267.0	47.0	266.0	3.3	269.3	2052	
										2548
93	600.0	577.7	277.0	278.0	47.0	277.1	3.3	280.3	2061	-----
92	625.0	602.7	286.0	287.0	47.0	286.1	3.3	289.4	2083	
91	650.0	627.7	296.0	297.0	47.0	296.1	3.3	299.4	2096	
90	675.0	652.7	308.0	309.0	47.0	308.2	3.3	311.5	2096	
										2372
89	700.0	677.7	319.0	320.0	47.0	319.2	3.3	322.5	2101	-----
88	725.0	702.7	329.0	330.0	47.0	329.2	3.3	332.5	2113	
87	750.0	727.7	340.0	341.0	47.0	340.3	3.3	343.5	2118	
86	775.0	752.7	351.0	352.0	47.0	351.3	3.3	354.6	2123	
										2320
85	800.0	777.7	362.0	363.0	47.0	362.3	3.3	365.6	2127	-----
84	825.0	802.7	372.0	373.0	47.0	372.3	3.3	375.6	2137	
83	850.0	827.7	382.0	383.0	47.0	382.4	3.3	385.6	2146	
82	875.0	852.7	392.0	393.0	47.0	392.4	3.3	395.7	2155	
										2558
81	900.0	877.7	401.0	402.0	47.0	401.4	3.3	404.7	2169	-----
80	925.0	902.7	412.0	413.0	47.0	412.4	3.3	415.7	2172	
79	950.0	927.7	421.0	422.0	47.0	421.4	3.3	424.7	2184	
78	975.0	952.7	430.0	431.0	47.0	430.5	3.3	433.7	2196	
										2496
77	1000.0	977.7	441.0	442.0	47.0	441.5	3.3	444.8	2198	-----
1	1000.0	977.7	439.0*	440.0	47.0	439.5	3.3	442.8	2208	
76	1025.0	1002.7	453.0	454.0	47.0	453.5	3.3	456.8	2195	
75	1050.0	1027.7	465.0	466.0	47.0	465.5	3.3	468.8	2192	