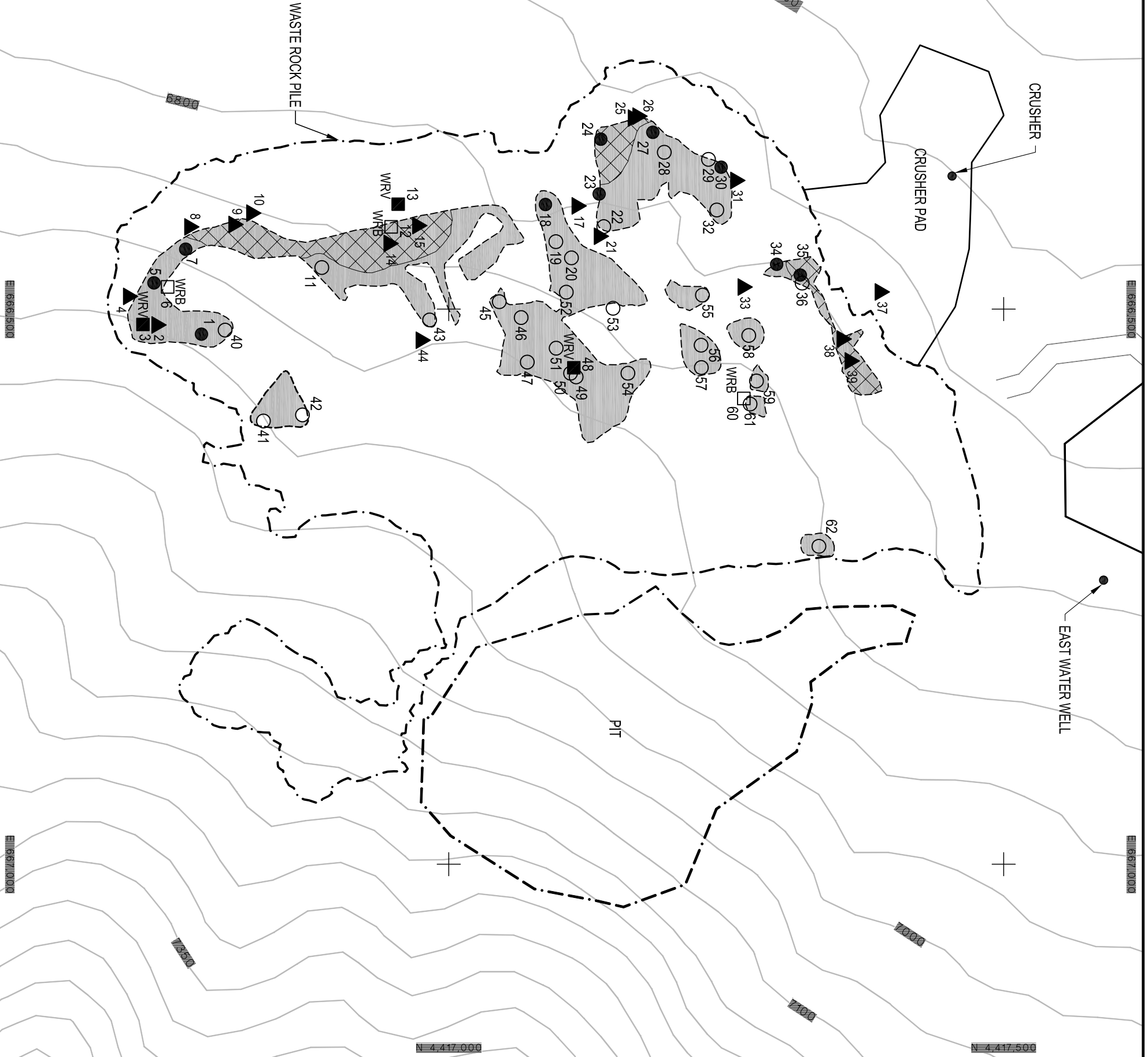


pH Survey Data			
Sample Location	pH	Sample Location	pH
1	3.2	32	2.1
2	7.1	33	6.2
3	3.2	34	3.4
4	6.1	35	5.3
5	3.5	36	1.9
6	6.4	37	6.4
7	3.5	38	6.2
8	6.1	39	6.7
9	6.6	40	2.9
10	7.2	41	1.7
11	1.9	42	1.8
12	2.5	43	2.4
13	5.9	44	6.3
14	6.5	45	1.6
15	6.6	46	1.5
16	7.3	47	1.7
17	7.3	48	1.5
18	4.8	49	1.4
19	2.0	50	0.7
20	1.9	51	0.7
21	6.0	52	1.6
22	1.9	53	2.8
23	3.3	54	1.7
24	5.5	55	2.1
25	6.1	56	2.3
26	9.4	57	2.3
27	3.9	58	1.3
28	1.8	59	2.1
29	1.9	60	5.7
30	4.5	61	2.5
31	6.5	62	1.2



LEGEND

- WASTE DUMP OR PIT
- ▨ HEAP LEACH PAD
- ▨ NON-VEGETATED (BARREN) AREA
- ▨ APPROXIMATELY 9 ACRES
- ▨ NON-VEGETATED (BARREN) AREA, COARSE-GRAINED SURFACE SOILS
- pH SAMPLE LOCATION, pH < 3
- pH SAMPLE LOCATION, 3 ≤ pH ≤ 6
- ▲ pH SAMPLE LOCATION, pH ≥ 6
- WASTE ROCK - VEGETATED (WRV) COMPOSITE SAMPLE LOCATION (3) (SAMPLES 6, 13, 80)
- WASTE ROCK - BARREN (WRB) COMPOSITE SAMPLE LOCATION (3) (SAMPLES 3, 12, 48)

0 50 100m

CONTOUR INTERVAL 50 FT.

REV. NO.	REVISIONS	DATE	DESIGN BY	DRAWN BY	REVIEWED AND SIGNED BY
0	Phase 2 Design	7/04	J.Thompson	K.Covath	J.Bennington

US ARMY CORPS OF ENGINEERS

PHASE 2 DESIGN

GOLDEN BUTTE WASTE ROCK pH SURVEY

Sheet 1 of 1 Sheets

SCALE: As Shown

DRAWING No. 19