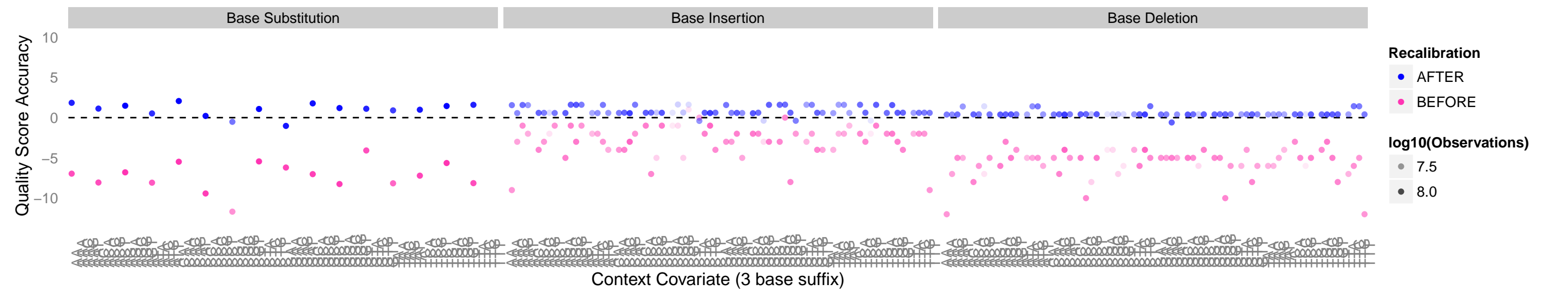
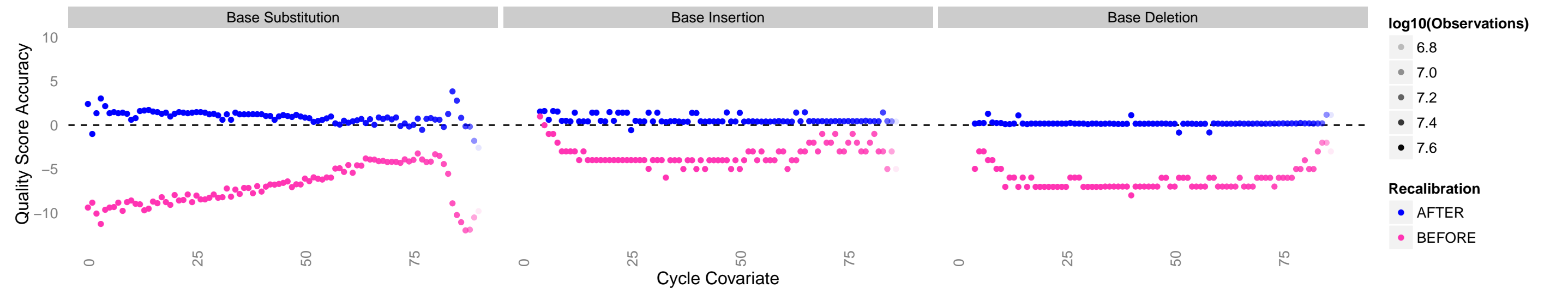
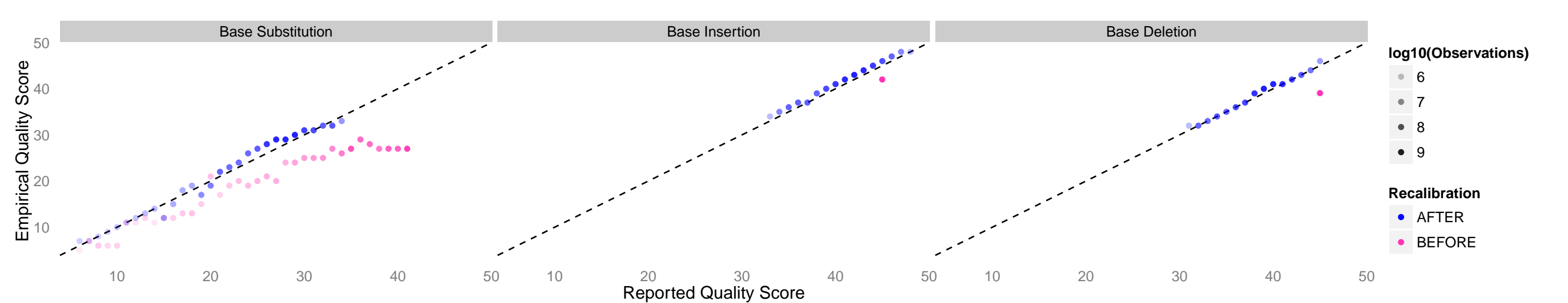
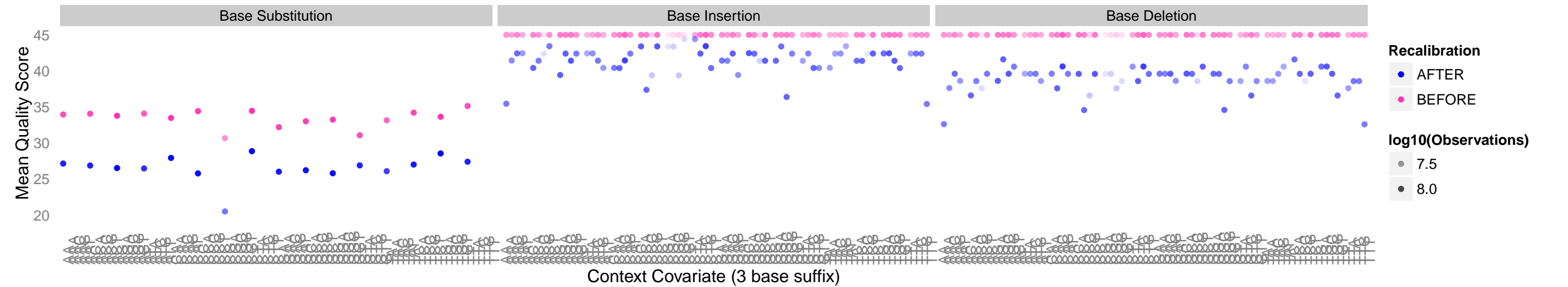
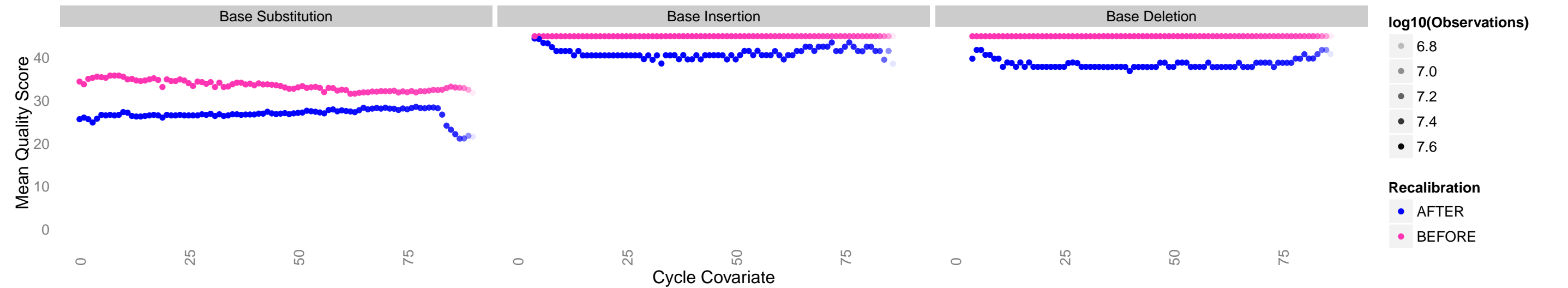
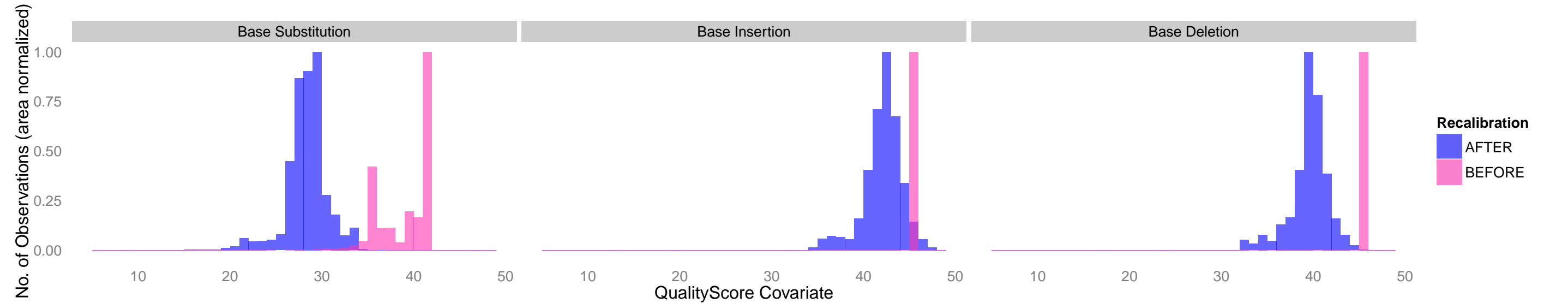


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-1
no_standard_covs	false
quantizing_levels	16
run_without_dbsnp	false
solid_nocall_strategy	THROW_EXCEPTION
solid_recal_mode	SET_Q_ZERO





Overall error rates by event type

ReadGroup	UNIT1	UNIT1	UNIT1
EventType	M	I	D
EmpiricalQuality	26.0	42.0	39.0
EstimatedQReported	33.4	45.0	45.0
Observations	3.50e+09	3.50e+09	3.50e+09
Errors	8.35e+06	2.37e+05	4.50e+05

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
UNIT1	6	M	5	228325	81327.33
UNIT1	7	M	7	1144892	234369.61
UNIT1	8	M	6	1267061	332296.72
UNIT1	9	M	6	648001	179467.21
UNIT1	10	M	6	867213	198791.24
UNIT1	11	M	11	475460	39375.15
UNIT1	12	M	11	344585	24586.75
UNIT1	13	M	12	782254	44993.85
UNIT1	14	M	11	290425	22660.55
UNIT1	15	M	12	1113428	64854.89
UNIT1	16	M	12	917796	64744.16
UNIT1	17	M	13	1240854	67591.14
UNIT1	18	M	13	1861791	88757.59
UNIT1	19	M	15	1027470	34053.88
UNIT1	20	M	21	1966854	17190.67
UNIT1	21	M	17	767890	15377.83
UNIT1	22	M	19	1453918	17525.48
UNIT1	23	M	20	2310710	25684.59
UNIT1	24	M	19	2899469	36788.55
UNIT1	25	M	20	3733172	41709.07
UNIT1	26	M	21	5005483	37280.84
UNIT1	27	M	20	5114175	46873.69
UNIT1	28	M	24	4247816	16889.81
UNIT1	29	M	24	8533736	35474.33
UNIT1	30	M	25	13318804	46422.69
UNIT1	31	M	25	16297618	54210.22
UNIT1	32	M	25	19846448	56482.64
UNIT1	33	M	27	38381192	85091.17
UNIT1	34	M	26	78457909	203028.68
UNIT1	35	M	27	679433419	1370079.04
UNIT1	36	M	29	176575059	225138.41
UNIT1	37	M	28	183703601	273111.16
UNIT1	38	M	27	62968220	136280.40
UNIT1	39	M	27	313864520	579815.00
UNIT1	40	M	27	266576221	485802.57
UNIT1	41	M	27	1606792974	3068640.03
UNIT1	45	I	42	3504458763	236918.87
UNIT1	45	D	39	3504458763	450393.38