

APPENDIX C.

Tabulations of Mine Hazards

TABLE C-1. - Open Mine Shafts, Adits, and Pits

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 32S., R. 25E., sec. 24	1	4123630N, 355810E	Grasselli #1 Mine	Collapsed, 25 ft dia; water-filled in trees; depth ?; moderate hazard.	Fencing
Do	2	41233370N, 355840E	do	Collapsed, 25 ft dia; water-filled; depth ?; partially filled with trash and brush; moderate hazard.	do
Do	3	4123250N, 355865E	do	Collapsed on northwest edge of surface collapse; 20 ft dia - 30 ft to water when measured; water level variable; high hazard.	do
Do	4	4123060N, 355875E	do	Collapsed, 40 ft dia; 20 ft deep; partly filled with large concrete blocks; moderate hazard.	Filling
Do	5	4122655N, 356400E	Butte-Kansas Mine	Collapsed, 40 ft dia; 15 ft deep; dry; low hazard.	do
Do	6	4122635N, 356375E	do	Collapsed, 30 ft dia; 10 ft deep; dry; low hazard.	do
Do	7	4122175N, 356280E	do	Collapsed, 50 ft dia; 25 ft deep; partly filled with trash and brush; moderate hazard.	do
T. 32S., R. 25E., sec. 25	1	4122045N, 356365E	Acme #1 Mine	Collapsed, concrete slab falling in on east side; 20 ft dia at top, 5 ft x 5 ft at top of shaft; 30 ft deep; dry; high hazard.	Filling

¹ (UTM) Universal Transverse Mercator

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 32S., R. 25E., sec. 25	2	4121635N, 356355E	Barnesdall #3 Mine	Collapsed, 25 ft dia at top; some cribbing left; large cottonwood over hole; depth 100 ft to water; high hazard.	Plugging or fencing
Do	3	4121375N, 356355E	do	Collapsed, 60 ft dia; mostly filled with water; appears deep; high hazard.	Fencing
Do	4	4121250N, 356385E	?	Partly collapsed, slab in place; 9 ft x 12 ft; depth 100 ft to water; no protection; high hazard.	Capping or plugging
Do	5	4121640N, 356260E	Barnesdall #3 Mine	Uncollapsed, 4 ft x 4 ft; 30 ft to water; hole partly covered by oak tree trunk.	Plugging
Do	6	4120910N, 355910E	?	Collapsed, 15 ft dia; 50 ft to water; in trees; fenced; high hazard.	do
T. 32S., R. 25E., sec. 35	1	4119770N, 354480E	HL&S Mine	Collapsed, 25 ft dia; 20 ft deep; water and junk at bottom; moderate hazard.	Filling
Do	2	4119760N, 354600E	do	Collapsed, 60 ft dia, 20 ft deep; dry; low hazard.	do
Do	3	4119580N, 354500E	Robinson Mine	Collapsed, 20 ft dia; 10 ft deep; dry; low hazard.	do
Do	4	4119550N, 354650E	do	do	do
Do	5	4119205N, 355135E	?	Collapsed, 8 ft dia; 30 ft deep to water; high hazard.	Plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.33S., R.25E., sec.11	1	4115980N, 355140E	?	Open; uncollapsed, 8 x 16 ft concrete collar; water at 15 ft; moderate hazard.	Capping
T.33S., R.25E., sec.13	1	4114505N, 355615E	Arena Mine	Collapsed, 30 ft dia; 15 ft deep; dry; low hazard.	Filling
Do	2	4114230N, 355840E	Cincinnati Mine	Collapsed, 25 ft dia; 10-15 ft deep; dry; low hazard.	do
Do	3	4114150N, 355830E	do	Collapsed, 25 ft dia; 10-15 ft deep; partially filled with trash; low hazard.	do
Do	4	4114070N, 355790E	do	Collapsed, 25 ft dia; 10-15 ft deep; dry; low hazard.	do
Do	5	4114160N, 355455E	Spring River Mine (?)	Collapsed, 50 ft dia; water-filled; next to railroad trestle; low hazard.	do
Do	6	4114070N, 355345E	Thomas "D" Mine	Collapsed, 30 ft dia; 10-15 ft deep; in trees; low hazard.	do
Do	7	4114020N, 355390E	do	Collapsed, 20 ft dia; water at 10 ft; steep sides; moderate hazard.	do
Do	8	4114030N, 355495E	Spring River Mine (?)	Collapsed, 25 ft dia; water-filled, moderate hazard; depth ?	Filling or fencing
Do	9	4114020N, 355555E	do	Collapsed, 20 ft dia; 10-15 ft deep; dry; low hazard.	Filling
T.33S., R.25E., sec.15	1	4115320N, 352145E	?	Collapsed, 50 ft dia; 15 ft deep; water at bottom; moderate hazard.	Filling
Do	2	4115105N, 352195E	Crestline Mines	Collapsed, 30 ft dia; 15 ft deep; dry; low hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.33S., R.25E., sec.15	3	4114720N, 351975E	Crestline Mines	Collapsed, 60 ft dia; water-filled; depth ?; moderate hazard.	Fencing
Do	4	4114760N, 352435E	do	Collapsed, 15 ft dia; 30 ft to water; in trees; no protection; high haz- ard.	Plugging
Do	5	4114775N, 352830E	Glendale Mine	Collapsed, 40 ft dia; 10- 15 ft deep; water at bottom; moderate hazard.	Filling
Do	6	4114720N, 352910E	do	Collapsed, 25 ft dia; 20 ft deep; dry; moderate hazard.	do
Do	7	4114620N, 352895E	do	Collapsed, 20 ft dia; 80-100 ft deep to water; in trees; partly covered by dead trees; high haz- ard.	Plugging or Fenc- ing
Do	8	4114090N, 352830E	Crestline Mines	Collapsed, 15 ft dia; 80 ft deep to water; in trees near road; high hazard.	do
T.33S., R.25E., sec.16	1	4114690N, 351820E	Ellis Mine	Collapsed, 30 ft dia; 15 ft deep; dry; low hazard.	Filling
T.33S., R.25E., sec.22	1	4114010N, 352050E	Allie Moore Mines (?)	Collapsed, 100 ft dia; 20 ft deep; partly filled with water; moderate hazard.	Fencing
Do	2	4113985N, 352825E	do	110 x 150 ft; 60 ft deep; dry; used as trash dump; near county road; moder- ate hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.33S., R.25E., sec.22	3	4113850N, 352025E	Allie Moore Mines (?)	Collapsed, 120 x 150 ft; water-filled; depth ?; moderate hazard.	Fencing
Do	4	4113585N, 352080E	?	Collapsed, 30 ft dia; 10 ft deep; partially filled with junk; low hazard.	Filling
Do	5	4113590N, 352085E	?	Collapsed, 15 ft dia; 10 ft deep; dry; trees in bot- tom; low hazard.	do
Do	6	4113415N, 353340E	?	Collapsed, 25 ft dia; 10 ft deep; dry; low hazard.	do
T.33S., R.25E., sec.23	1	4113635N, 355160E	?	Collapsed, 40 ft dia; 20 ft deep; partially filled with junk; low hazard.	Filling
Do	2	4113165N, 354790E	Haystack Mine	Collapsed, 30 ft dia; 20 ft to water; covered by trees and brush; moderate hazard.	do
Do	3	4113155N, 354885E	do	Collapsed, 30 ft dia; 25 ft to water; dead trees over top; moderate hazard.	do
Do	4	4113130N, 354825E	do	Collapsed, 100 ft dia; 20 ft deep; dry; low hazard.	None
Do	5	4112880N, 354615E	Hubbard Mine (?)	Covered by brush; depth ?; high hazard.	Plugging or fil- ling
Do	6	4112850N, 354585E	do	Open, uncollapsed, 5 x 5 ft; wood timbers in place; water at 10 ft; water line still in place; high haz- ard.	Capping or fil- ling
Do	7	4112815N, 354605E	do	Open, partly collapsed; head frame still in place; water at 10 ft; high haz- ard.	Plugging or fil- ling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 33S., R. 25E., sec. 24	1	4113950N, 355550E	Badger-Pea- cock Mines	Open pit, filled with water; steep rocky banks in places close to Spring River; sometimes gets flooded; good fishing; 700 x 450 ft; irregular shape; depth ?; reported by owner to be 90 ft deep. Collapsed, 10 ft dia; water at 10 ft; depth ?; high hazard.	Owner has fenced off area; is considering de- veloping picnic area.
Do	2	4113955N, 355490E	do		Filling
Do	3	4113935N, 355600E	Peacock Mine	Collapsed, 10 ft dia; 10 ft deep; dry; low hazard.	do
Do	4	4113760N, 355480E	Badger-Pea- cock Mines	Collapsed, 20 ft dia; water at 10 ft; moderate hazard.	do
Do	5	4113655N, 355185E	do	Open, uncollapsed; 5 x 5 ft; 20 ft to water; crib- bing to 4 ft above water; high hazard.	Plugging or fil- ling
Do	6	4113570N, 355225E	Rosebud or Red Rose Mine	Collapsed, 15 ft dia; 10 ft deep; dry; low hazard.	Filling
Do	7	4113055N, 355585E	?	Collapsed, 25 ft dia; 10 ft deep; dry; low hazard.	do
T. 33S., R. 25E., sec. 25	1	4112115N, 356195E	Chicago Mine (?)	Collapsed, 20 ft dia; 10 ft deep; low hazard.	Filling
Do	2	4112100N, 356145E	do	Collapsed, 30 ft across; 15 ft deep; trees and concrete filling hole; low hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 33S., R. 25E., sec. 24	1	4113950N, 355550E	Badger-Pea- cock Mines	Open pit, filled with water; steep rocky banks in places close to Spring River; sometimes gets flooded; good fishing; 700 x 450 ft; irregular shape; depth ?; reported by owner to be 90 ft deep. Collapsed, 10 ft dia; water at 10 ft; depth ?; high hazard.	Owner has fenced off area; is considering de- veloping picnic area.
Do	2	4113955N, 355490E	do	Collapsed, 10 ft dia; 10 ft deep; dry; low hazard.	Filling
Do	3	4113935N, 355600E	Peacock Mine	Collapsed, 20 ft dia; water at 10 ft; moderate hazard.	do
Do	4	4113760N, 355480E	Badger-Pea- cock Mines	Open, uncollapsed; 5 x 5 ft to water; cribbing to 4 ft above water; high hazard.	do
Do	5	4113655N, 355185E	do	Collapsed, 15 ft dia; 10 ft deep; dry; low hazard.	Plugging or fil- ling
Do	6	4113570N, 355225E	Rosebud or Red Rose Mine	Collapsed, 25 ft dia; 10 ft deep; dry; low hazard.	Filling
Do	7	4113055N, 355585E	?	Collapsed, 20 ft dia; 10 ft deep; low hazard.	do
T. 33S., R. 25E., sec. 25	1	4112115N, 356195E	Chicago Mine (?)	Collapsed, 30 ft across; 15 ft deep; trees and concrete filling hole; low hazard.	Filling
Do	2	4112100N, 356145E	do		do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 23E., sec. 36	1	4101035N, 335770E	Garrett Mine	Collapsed, 20 ft dia; depth over 100 ft, high hazard.	Fencing or plug- ging
T. 34S., R. 24E., sec. 26	1	4101745N, 344560E	?	Collapsed, 25 ft dia; 10 ft deep; contains car body; low hazard.	Filling
Do	2	4101690N, 344635E	?	Collapsed, 30 ft dia; 10-15 ft deep; contains trash; low hazard.	do
Do	3	4101580N, 344220E	Little Otis Mine (?)	Collapsed, 25 ft dia; filled with water; moder- ate hazard.	do
Do	4	4101390N, 343880E	HH&H Mine	2 collapsed shafts; 20-25 ft dia; south one water- filled with old hoisting frame collapsed over it; north one 10-15 ft deep; dry; moderate hazard.	do
Do	5	4101360N, 343985E	do	Collapsed, 80 ft dia; 10-15 ft deep; contains water at times; trash dump on east side; moderate hazard.	do
Do	6	4101325N, 343890E	do	Collapsed, 50 ft dia; con- tains large slab of con- crete; water at 8 ft; appears deep; moderate hazard.	do
Do	7	4101325N, 343925E	do	Collapsed, 20 ft dia; 10-15 ft deep; dry; low hazard.	do
Do	8	4101315N, 343950E	do	Collapsed, 40 ft dia; 10-15 ft deep; half filled with boulders; low hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 24E., sec. 26	9	4101315N, 344070E	?	Collapsed, 75 ft dia; 30 ft deep; taking in boulder and chat pile; moderate hazard.	Filling
Do	10	4101285N, 344080E	?	Collapsed, 25 ft dia; 10 ft deep; partially filled with junk; low hazard.	do
Do	11	4101265N, 344115E	?	Collapsed, 20 ft dia; 15 ft deep to water; not deep; moderate hazard.	do
T. 34S., R. 24E., sec. 33	1	4099720N, 340745E	Stoskopf Mine (?)	Collapsed, 30 ft dia; large concrete slab fallen into shaft; depth 100-150 ft to water; fenced off; high hazard.	Plugging
T. 34S., R. 24E., sec. 34	1	4100930N, 343465E	Brugger Mine	Collapsed, 40 ft dia; 25 ft deep; water at bottom; moderate hazard.	Fencing
Do	2	4100720N, 343280E	do	Open, uncollapsed; 6 x 6 ft; timbers in place; 40-50 ft deep to water; water flowing west; high hazard.	Plugging or capping
Do	3	4100670N, 343170E	do	Collapsed, 60 ft dia; 25 ft deep; dry; growing trees; low hazard.	Filling
Do	4	4100655N, 343235E	do	Collapsed, 25 ft dia; 20 ft deep; dry; low hazard.	do
Do	5	4100630N, 343480E	do	Collapsed, 60 ft dia; 40 ft deep; drift exposed on north side; high hazard.	Filling or fencing

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 24E., sec. 34	6	4100620N, 343520E	Brugger Mine	Collapsed, 40 ft dia; 40 ft deep; dry; some trash high hazard.	Filling or fencing
Do	7	4100565N, 343525E	do	Collapsed, 35 ft dia; 6-8 ft dia below; 20 ft to water; high hazard.	do
Do	8	4100460N, 343500E	do	Open, uncollapsed, 6 x 6 ft; depth 100 ft to water; cribbing in place; high hazard.	Capping or plugging
T. 34S., R. 24E., sec. 35	1	4100225N, 344140E	Henshaw Heirs Mine	Collapsed, 30 ft dia; 100 ft deep; formerly fenced; fence is down; high hazard.	Plugging or fencing
Do	2	4100175N, 344080E	do	Collapsed, 40 ft dia; 20 ft deep; dry; some trash; low hazard.	Filling
Do	3	4099855N, 344120E	M&H Mine	Open, uncollapsed, cribbed; 6 x 6 ft; 60 ft deep to water; among trees; high hazard.	Capping or plugging
Do	4	4099780N, 344210E	do	Collapsed, 20 ft dia; partially blocked by concrete slab; depth 100 ft to water; high hazard.	Plugging or fencing
T. 34S., R. 25E, sec. 2	1	4108200N, 354910E	Eureka Mine	Collapsed, 15 ft dia; 10 ft deep; bottom wet; low hazard.	Filling
Do	2	4108180N, 354840E	do	Collapsed, 20 ft dia; 15 ft deep; wet bottom; low hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits---Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 2	3	4108120N, 354670E	Eureka Mine	Open, uncollapsed, 6 x 16 ft; concrete collar; 12 ft to water; no protection; high hazard.	Capping or plugging
T. 34S., R. 25E., sec. 3	1	4108260N, 353215E	Gracie Mine	Collapsed, 5 ft dia; 5 ft to water; near road; appears deep; moderate hazard.	Filling
T. 34S., R. 25E., sec. 5	1	4107750N, 349950E	Wilbur-Playter Mine (?)	Open pit; 100 x 200 ft; water level at 8 ft; low hazard.	None
Do	2	4107750N, 349950E	do	Open pit; 40 x 80 ft; dry; low hazard.	
T. 34S., R. 25E., sec. 8	1	4106460N, 348995E	?	Open pit; 90 x 180 ft; 10-15 ft deep; dry; low hazard.	None
T. 34S., R. 25E., sec. 10	1	4106385N, 351985E	?	Open pit; sloping sides; 50 x 200 ft; 20-30 ft deep; half filled with water; low hazard.	Fencing
T. 34S., R. 25E., sec. 11	1	4106790N, 353860E	Andrews Mine	Collapsed, 20 ft dia; 15 ft deep; some junk; low hazard.	Filling
Do	2	4106725N, 353870E	do	Collapsed, 25 ft dia; 15 ft deep; muddy; low hazard.	do
Do	3	4106410N, 354050E	Crown Point Mine	Collapsed, 20 ft dia; 15 ft deep; low hazard.	do
Do	4	4106260N, 354075E	do	Collapsed, 40 ft dia; 20 ft deep to top of 4 x 5 ft cribbed shaft; water to top of cribbing; high hazard.	Plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.11	5	4106215N, 353880E	Empire Mine (?)	Collapsed, 15 ft dia;; 6 ft to water; moderate hazard.	Filling
T.34S., R.25E., sec.12	1	4107030N, 355735E	Buckeye Mine	Collapsed, 60 ft dia; 15 ft deep; some junk; dry; low hazard.	do
Do	2	4106265N, 356145E	?	Collapsed, 20 ft dia; 15 ft deep; dry; low hazard.	do
Do	3	4105865N, 356140E	Cave (?)	5 x 5 ft; 10 ft deep; dry; low hazard.	do
Do	4	4105810N, 356180E	Springs ?	Collapsed, 30 ft dia; 20 ft deep; dry; moderate haz- ard.	do
T.34S., R.25E., sec.13	1	4105775N, 356180E	?	Collapsed, 50 ft dia at top; 25 ft deep; some trash; moderate hazard.	Filling
Do	2	4105780N, 356205E	Boston Mine (?)	Collapsed, 25 ft dia at top; 8 ft dia below; 50 ft deep; high hazard.	Plugging
Do	3	4105720N, 356130E	?	Collapsed, 25 ft dia at top; narrows to 6 ft; 50 ft deep to water; high hazard.	do
Do	4	4105750N, 356070E	?	Collapsed, 15 ft dia at top; narrows to 7 ft dia; 30 ft deep to water; high hazard.	do
Do	5	4105730N, 356075E	?	Collapsed, 18 ft dia at top; narrows to 6 ft; 20 ft deep to water; high hazard	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.13	6	4105725N, 356060E	?	Collapsed, 10 ft dia at top; narrows to 6 ft dia; 10 ft to water; high hazard.	Plugging
Do	7	4105710N, 356080E	?	Collapsed, 6 ft dia; 10 ft to water; high hazard.	do
Do	8	4104880N, 355015E	Southside Mine	Collapsed, 20 ft dia; narrows to 6 ft dia; 10 ft deep; dry; low hazard.	Filling
Do	9	4104900N, 355070E	do	Collapsed, 15 ft dia at top; narrows to 6 ft; 40 ft deep; dry; high hazard.	Plugging
Do	10	4104900N, 355105E	do	Collapsed, 15 ft dia; narrows to 6 ft; 20 ft deep; dry; high hazard.	do
Do	11	4104870N, 355100E	do	Collapsed, 10 ft dia; narrows to 6 ft; 30 ft deep; dry; high hazard.	do
Do	12	4104875N, 355130E	do	Collapsed, 6 ft dia; 30 ft deep; dry; mine roof at 15 ft; high hazard.	do
Do	13	4104870N, 355150E	do	Collapsed, 15 ft dia. at top; narrows to 6 ft dia; 30 ft deep; dry; mine roof at 15 ft; high hazard.	do
Do	14	4104860N, 355140E	do	Collapsed, 15 ft dia; enters mine room at shallow depth to west; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.13	15	4104790N, 355080E	Southside Mine	Collapsed, 25 ft dia; nar- rows to 6 ft dia; 30 ft deep; dry; high hazard.	Plugging
Do	16	4104740N, 355050E	do	Collapsed, 30 ft dia; nar- rows to 8 ft; 40 ft deep; dry; high hazard.	do
Do	17	4104645N, 355010E	do	Collapsed, 20 ft dia; 20 ft deep; dry; moderate hazard.	Filling
Do	18	4104655N, 355030E	do	Collapsed, 20 ft dia at top; narrows to 6 ft; 40 ft deep; dry; high hazard.	Plugging
Do	19	4104730N, 355175E	do	Open; uncollapsed; 4 x 4 x 50 ft deep; wood crib- bing in place; high haz- ard.	do
Do	20	4104750N, 355195E	do	Collapsed, 12 ft dia; nar- rows to 6 ft; 50 ft deep; dry; high hazard.	do
Do	21	4104730N, 355200E	do	Collapsed, 20 ft dia; nar- rows to 6 ft; 50 ft deep; dry; high hazard.	do
Do	22	4104720N, 355280E	do	Collapsed, 15 ft dia; nar- rows to 6 ft; 40 ft deep to water; enters mine room at 20 ft; high haz- ard.	do
Do	23	4104755N, 355315E	do	Collapsed, 15 ft dia at top; 10 ft deep; moder- ate hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 13	24	4104730N, 355320E	Southside Mine	Collapsed, 15 ft dia at top; narrows to 6 ft; 30 ft deep; dry; partially blocked by concrete slab; high hazard.	Plugging
Do	25	4104710N, 355320E	do	Collapsed, 10 ft dia; mine roof at 15 ft; depth 30 ft; dry; high hazard.	do
Do	26	4104710N, 355330E	do	Collapsed, 20 ft dia; mine roof at 10 ft; depth 30 ft; dry; high hazard.	do
Do	27	4104685N, 355410E	?	Collapsed, 25 ft dia; 15 ft deep; dry; moderate hazard.	Filling
Do	28	4104685N, 355455E	?	Collapsed, 20 ft dia at top; narrows to 8 ft; 25 ft deep; dry; high hazard.	Plugging
Do	29	4104665N, 355470E	?	Collapsed, 8 ft dia; 30 ft deep; dry; high hazard.	do
Do	30	4104700N, 355495E	?	Collapsed, 20 ft dia at top; narrows to 6 ft; 20 ft deep; dry; high hazard.	Filling
Do	31	4104675N, 355540E	?	Collapsed, 25 ft dia; narrows to 6 ft; 30 ft deep to water; high hazard.	Plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.13	32	4104670N, 355590E	?	Collapsed, 20 ft dia at top; narrows to 6 ft dia; 30 ft deep; dry; high hazard.	Plugging
Do	33	4104630N, 355550E	?	Collapsed, 30 ft dia; narrows to 6 ft dia; 40 ft deep to water; high hazard.	do
Do	34	4104605N, 355590E	?	Collapsed, 25 ft dia at top; narrows to 6 ft dia; 40 ft deep to water; high hazard.	do
Do	35	4104600N, 355605E	?	Collapsed, 20 ft dia at top; narrows to 6 ft dia; 40 ft deep to water; high hazard.	do
Do	36	4104575N, 355615E	?	Collapsed, 6 ft dia; 15 ft deep; dry; low hazard.	Filling
Do	37	4104570N, 355580E	?	Collapsed, 25 ft dia; narrows to 6 ft dia; 10 ft deep; dry; low hazard.	do
Do	38	4104520N, 355555E	?	Partially collapsed; 6 ft dia; 50 ft deep to water; high grass; very dangerous.	Plugging
Do	39	4104445N, 355525E	?	Collapsed, 15 ft dia, narrows to 6 ft; 20 ft deep; dry; high hazard.	Filling
Do	40	4104380N, 355535E	?	Collapsed, 25 ft dia at top, narrows to 4 x 10 ft; 20 ft deep to water; high hazard.	Plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 13	41	4104495N, 355665E	?	Collapsed, 20 ft dia; 15 ft deep; dry; moderate hazard.	Filling
Do	42	4104495N, 355760E	?	Collapsed, 20 ft dia; 30 ft to water; 20 ft to cribbing; high hazard.	Plugging
Do	43	4104445N, 355655E	?	Collapsed, 30 ft dia at top; narrows to 6 ft; 25 ft to water; moderate hazard.	do
Do	44	4104415N, 355670E	?	Collapsed, 20 ft dia at top; narrows to 6 ft; 15 ft deep to water; moderate hazard.	do
Do	45	4104405N, 355655E	?	do	do
Do	46	4104350N, 355615E	?	Collapsed, 20 ft dia at top; narrows to 4 ft; 15 ft to water; cribbed to 4 ft above water; moderate hazard.	do
Do	47	4104345N, 355690E	?	Collapsed, 30 ft dia; 10-15 ft deep; dry; low hazard.	Filling
T. 34S., R. 25E., sec. 14	1	4105675N, 353485E	?	Collapsed, 25 ft dia; 25 ft deep; some trash; moderate hazard.	do
Do	2	4105460N, 353535E	?	Collapsed, 10 ft dia; 10 ft deep; contains truck bodies; low hazard.	do
Do	3	4105425N, 353505E	Hoosier Mines	Collapsed, 15 ft dia; 15 ft deep; dry; moderate hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 14	4	4105360N, 353385E	Hoosier Mines	Collapsed, 10 ft dia; filled to 10 ft; dry; low hazard.	Filling
Do	5	4105315N, 353455E	do	Collapsed, 10 ft dia; 10 ft deep; dry; low hazard.	do
Do	6	4105380N, 353935E	do	Collapsed, 8 ft dia; 15 ft deep to water; moderate hazard.	do
Do	7	4105120N, 354085E	Windsor Mines	Open pit, 500 x 750 ft; mostly water-filled; depth ?; water within 20- 30 ft of surface; moder- ately high hazard.	Fencing
Do	8	4105155N, 354025E	do	Collapsed, 6 ft dia; 30 ft to water; some of con- crete collar present; high hazard.	Plugging
Do	9	4105075N, 353930E	Hoosier Mines	Collapsed, 10 ft dia; nar- rows to 6 ft; 20 ft to water; high hazard.	do
Do	10	4105060N, 353920E	do	Collapsed, 10 ft dia at top; narrows to 6 ft; 20 ft to water; high hazard.	do
Do	11	4105050N, 353915E	do	Collapsed, 6 ft dia; 20 ft to water; high hazard.	do
Do	12	4104990N, 353915E	?	Open pit, 1000 x 550 ft; depth ?; mostly water- filled 10-20 ft from sur- face; moderately high hazard.	Fencing
Do	13	4105065N, 353860E	Hoosier Mines	Collapsed, 6 x 6 ft x 8 ft deep; moderate hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	14	4105070N, 353820E	Hoosier Mines	Collapsed, 15 ft dia; nar- rows to 5 ft; 15 ft deep; dry; moderate hazard.	Filling
Do	15	4105045N, 353830E	do	Collapsed, 6 x 6 ft; 10 ft deep; moderate hazard.	do
Do	16	4105065N, 353770E	do	Collapsed, 20 ft dia at top; narrows to 6 ft dia; 20 ft deep to water, high hazard.	Plugging
Do	17	4105050N, 353770E	do	Collapsed, 6 ft dia; 20 ft deep to water; high haz- ard.	do
Do	18	4105055N, 353760E	do	Collapsed, 15 ft dia; nar- rows to 6 ft; 10 ft deep; dry; moderate hazard.	Filling
Do	19	4105080N, 353670E	do	Collapsed, 15 ft dia at top; narrows to 6 ft; 10 ft deep to water; moder- ate hazard.	do
Do	20	4105045N, 353730E	do	Collapsed, 15 ft dia at top; narrows to 6 ft; 10 ft to water; high hazard.	Plugging
Do	21	4105010N, 353780E	Illinois Lead & Zinc Mines	Collapsed, 5 ft dia; 8 ft to water; high hazard.	do
Do	22	4105005N, 353770E	do	do	do
Do	23	4104985N, 353800E	?	Collapsed, 10 ft dia at top; narrows to 6 ft; some cribbing; water at 6 ft; moderate hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM1 Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	24	4104970N, 353445E	Illinois Lead & Zinc Mines	Collapsed, in chat pile; 40 ft dia at top; narrows to 10 ft; depth 20 ft to water; high hazard.	Filling
Do	25	4104955N, 353440E	do	Collapsed, 20 ft dia; 10 ft deep to water; high hazard.	do
Do	26	4104950N, 353430E	do	Collapsed, 15 ft dia; nar- rows to 6 ft; 20 ft deep to water; cribbing at bottom; high hazard.	do
Do	27	4104950N, 353450E	do	Collapsed, 15 ft dia; 10 ft deep to water; high hazard.	do
Do	28	4104920N, 353525E	do	Collapsed, 5 ft dia; 15 ft deep to water; high hazard.	do
Do	29	4104925N, 353560E	do	Collapsed, 5 ft dia; 15 ft deep to water; high haz- ard.	do
Do	30	4104870N, 353505E	do	Collapsed, 12 ft dia; nar- rows to 6 ft; 20 ft deep; dry; connects to collapse to east; high hazard.	do
Do	31	4104875N, 353540E	do	Collapsed, 20 ft dia; nar- rows to 6 ft; 20 ft deep to water; high hazard.	do
Do	32	4104880N, 353630E	do	Collapsed, 25 ft dia; nar- rows to 6 ft; 15 ft deep to water; water at top of shaft; moderate hazard.	do
Do	33	4104875N, 353670E	do	Collapsed, 25 ft dia; 10 ft deep to water; moder- ate hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	34	4104875N, 353690E	Illinois Lead & Zinc Mines	Collapsed 6 ft dia; 15 ft deep to water; high hazard.	Filling
Do	35	4104825N, 353660E	do	Collapsed, 10 ft dia; narrow to 6 ft; 15 ft deep; dry; some cribbing; high hazard.	do
Do	36	4104755N, 353620E	do	Collapsed, 20 ft dia at top; 20 ft to water; high hazard.	do
Do	37	4104705N, 353455E	do	Collapsed, 20 ft dia; narrow to 8 ft dia; 30 ft deep; dry; high hazard.	Plugging
Do	38	4104705N, 353560E	do	Collapsed, 20 ft dia; narrow to 8 ft; 30 ft deep to water; high hazard.	do
Do	39	4104640N, 353570E	Peacock Galena Mine	Collapsed, 15 ft dia; 30 ft to water; high hazard.	do
Do	40	4104585N, 353585E	do	Collapsed, 6 ft dia; 35 ft deep to water; high hazard.	do
Do	41	4104535N, 353600E	do	8 x 10 ft; 10 ft deep; chat-filled; low hazard.	Filling
Do	42	4104420N, 353565E	?	Collapsed; 18 ft dia; narrow to 10 ft; 30 ft deep; dry; high hazard.	Plugging
Do	43	4104380N, 353615E	?	Collapsed, 10 ft dia; narrow to 6 ft dia; 30 ft deep; dry; high hazard.	do
Do	44	4104400N, 353800E	?	Collapsed, 8 ft dia; 20 ft deep to water; connects to mine collapse to south; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	45	4104445N, 353765E	?	Collapsed, 10 ft dia; filled to 10 ft; dry; low hazard.	Filling
Do	46	4104495N, 353685E	?	Collapsed, 6 ft dia; 20 ft deep to water; connects with mine room; high haz- ard.	Plugging
Do	47	4104510N, 353680E	?	Collapsed, 40 ft dia; opens to mine room, water at depth of 20 ft; high hazard.	Filling
Do	48	4104525N, 353665E	?	Collapsed, 6 ft dia; 30 ft deep to water; high haz- ard.	Plugging
Do	49	4104525N, 353650E	?	do	do
Do	50	4104530N, 353635E	?	Collapsed, 25 ft dia at top, narrows to 6 ft; 30 ft deep to water; high hazard.	do
Do	51	4104545N, 353640E	?	Collapsed, 30 ft dia; narrows to 6 ft dia; 30 ft deep to water; high hazard.	do
Do	52	4104535N, 353685E	?	Collapsed, 9 ft dia; nar- rows to 5 ft dia; 20 ft deep; some cribbing in place; high hazard.	do
Do	53	4104555N, 353745E	?	Collapsed, 15 ft dia; narrows to 4 x 4 ft cribbing which is washed out on south side; 15 ft deep; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	54	4104515N, 353770E	?	Open, uncollapsed, 5 x 5 ft; concrete collar; 30 ft deep; high hazard.	Capping or Plugging
Do	55	4104530N, 353790E	?	Collapsed, 20 ft dia; narrow to 6 ft; 30 ft deep; dry; high hazard.	Plugging
Do	56	4104505N, 353790E	?	Collapsed, 20 ft dia; 10 ft deep; dry; low hazard.	Filling
Do	57	4104495N, 353775E	?	Collapsed, 15 ft dia; narrow to 6 ft; 20 ft deep; high hazard.	Plugging
Do	58	4104500N, 353830E	?	Collapsed, 8 ft dia; 20 ft deep; dry; high hazard.	do
Do	59	4104585N, 353925E	?	Collapsed, 20 ft dia; 10 ft deep; dry; low hazard.	Filling
Do	60	4104600N, 353955E	?	Collapsed, 6 ft dia; 30 ft deep to water; on edge of mine collapse; high hazard.	Plugging
Do	61	4104725N, 353780E.	?	Collapsed, 35 ft dia; narrow to 10 ft dia; 20 ft deep to water; high hazard.	Filling
Do	62	4104785N, 353825E	?	Collapsed, 20 ft dia; narrow to 6 ft dia; 10 ft deep to water; high hazard.	Plugging
Do	63	4104770N, 353860E	?	Collapsed, 6 ft dia; 30 ft to water; high grass; very hazardous.	do
Do	64	4104800N, 353875E	?	Collapsed, 6 ft dia; 30 ft to water; high grass; very hazardous.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	65	4104810N, 353930E	?	Collapsed, 20 ft dia; narrows to 6 ft dia; 25 ft deep to water; high hazard.	Plugging
Do	66	4104805N, 353940E	?	Collapsed, 20 ft dia; narrows to 6 ft dia; 10 ft deep; junk in hole; moderate hazard.	Filling
Do	67	4104855N, 353820E	?	Collapsed, 25 ft dia; narrows to 6 ft; 15 ft deep to trash and water; moderate hazard.	do
Do	68	4104875N, 353810E	?	Collapsed, 20 ft dia; narrows to 6 ft; 10 ft deep to water; moderate hazard.	do
Do	69	4104885N, 353820E	?	Collapsed, 5 ft dia; 10 ft deep to water; high hazard.	do
Do	70	4104935N, 353975E	?	Collapsed, 30 ft dia; narrows to 6 ft dia; 25 ft deep to water; high hazard.	do
Do	71	4104985N, 354030E	?	Collapsed, 6 ft dia; 15 ft deep; junk-filled; moderate hazard.	do
Do	72	4105000N, 354150E	?	Collapsed, 10 ft dia at top; narrows to 6 ft; 15 ft deep to water; high hazard.	Plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 14	73	4104935N, 354260E	Southside Mine	Open, uncollapsed, 6 x 6 ft, 30 ft deep; dry; near main street in grass and weeds; high hazard.	Capping or plugging
Do	74	4104900N, 354225E	do	Collapsed, 10 ft dia; narrow to 6 ft dia; 30 ft deep; dry; high hazard.	Plugging
Do	75	4104830N, 354175E	?	Collapsed, 6 ft dia; 80 ft to water; high hazard.	do
Do	76	4104860N, 354185E	?	Collapsed, 15 ft dia; narrow to 6 ft dia; 50 ft deep; dry; high hazard.	do
Do	77	4104905N, 354165E	?	Collapsed, 25 ft dia; 30 ft deep; dry; high hazard.	Filling
Do	78	4104925N, 354130E	?	Collapsed, 5 ft dia; 25 ft deep to water; high hazard.	Plugging
Do	79	4104890N, 354110E	?	Collapsed, 5 ft dia; 40 ft to water; high hazard.	do
Do	80	4104865N, 354105E	?	Collapsed, 6 ft dia; 20 ft deep; enters room; high hazard.	do
Do	81	4104855N, 354130E	?	Collapsed, 8 ft dia; 50 ft deep; dry; high hazard.	do
Do	82	4104830N, 354140E	?	Collapsed, 15 ft dia at top; narrows to 6 ft dia; 50 ft deep to water, high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	83	4104805N, 354125E	?	Collapsed, 20 ft dia at top; narrows to 8 ft; 50 ft deep; dry; high hazard.	Plugging
Do	84	4104820N, 354110E	?	Collapsed, 15 ft dia; narrows to 8 ft dia; 70 ft deep; dry; high hazard.	do
Do	85	4104855N, 354095E	?	Collapsed, 6 ft dia; 20 ft deep; dry; enters room; high hazard.	do
Do	86	4104880N, 354085E	?	Collapsed, 6 ft dia; 20 ft deep; dry; high hazard.	do
Do	87	4104850N, 354055E	?	Collapsed, 7 ft dia; 20 ft deep; enters mine room; high hazard.	do
Do	88	4104830N, 354065E	?	Collapsed, 30 ft dia; narrows to 10 ft dia; 80 ft deep; dry; high hazard.	do
Do	89	4104785N, 354060E	?	Collapsed, 12 ft dia; narrows to 6 ft dia; 30 ft deep; dry; high hazard.	do
Do	90	4104760N, 354060E	?	Collapsed, 10 ft dia; narrows to 6 ft dia; 80 ft deep; dry; high hazard.	do
Do	91	4104725N, 354040E	?	Collapsed, 15 ft dia; narrows to 6 ft; 50 ft deep to water; high hazard.	do
Do	92	4104685N, 354030E	?	Collapsed, 30 ft dia; narrows to 6 ft dia; 50 ft deep to water; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 14	93	4104640N, 354045E	Southside Mine	Collapsed, 25 ft dia; 35 ft deep; dry; high hazard.	Filling
Do	94	4104740N, 354090E	?	Collapsed, 8 ft dia at top; narrows to 4 x 4 ft cribbed shaft; 40 ft deep; dry; high hazard.	Plugging
Do	95	4104690N, 354095E	?	Collapsed, 6 ft dia; 20 ft deep; dry; high hazard.	do
Do	96	4104710N, 354115E	?	Collapsed, 40 ft dia; in chat pile, narrows to 8 ft dia; 80 ft deep; washed out on east side; receives runoff during rains; high hazard.	do
Do	97	4104700N, 354130E	?	Collapsed, 15 ft dia; narrows to 10 ft dia; 50 ft deep; dry; high hazard.	do
Do	98	4104680N, 354135E	?	Collapsed, 10 ft dia; 50 ft deep; dry; high hazard.	do
Do	99	4104625N, 354170E	Southside Mine (?)	Open, uncollapsed, 6 x 5 ft; 40 ft deep to water; high hazard.	Plugging or capping
Do	100	4104855N, 354420E	do	Collapsed, 6 ft dia; 10 ft to top of mine room; high hazard.	Plugging
Do	101	4104855N, 354435E	do	Collapsed, 20 ft dia; 10-15 ft deep; dry; moderate hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	102	4104760N, 354500E	Southside Mine	Collapsed, 7 ft dia; 20 ft deep; dry; high hazard.	Plugging
Do	103	4104730N, 354500E	do	Collapsed at top, 12 ft dia; uncollapsed below 4 x 4 ft cribbing; 40 ft deep; dry; high hazard.	do
Do	104	4104555N, 354575E	do	Collapsed, on bridge between collapses; 15 ft of roof rock; within 75 ft of house; high hazard.	Filling or plugging
Do	105	4104575N, 354680E	do	Open, 6 ft dia; some cribbing; partially collapsed; 20 ft deep; dry; high hazard.	Plugging
Do	106	4104630N, 354690E	do	Open, uncollapsed, 4 x 6 ft; cribbed; 30 ft deep; dry; high hazard.	do
Do	107	4104645N, 354705E	do	Collapsed, 15 x 40 ft at top; 8 ft dia below; 50 ft deep; dry; receives runoff during rains; high hazard.	do
Do	108	4104675N, 354705E	do	Collapsed, 30 ft dia; narrows to 8 ft; enters mine room at about 20 ft; dry; thin roof; high hazard.	do
Do	109	4104685N, 354695E	do	Collapsed, 20 ft dia; narrows to 6 ft; enters mine room at 15 ft; dry; thin roof; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 14	110	4104695N, 354680E	Southside Mine	Collapsed, 20 ft dia; narrows to 5 ft; enters mine room at 20 ft; dry; thin roof; high hazard.	Plugging
Do	111	4104700N, 354645E	do	Collapsed, 35 ft dia; narrows to 7 ft; 60 ft deep to water, high hazard.	do
Do	112	4104685N, 354605E	do	Collapsed, 30 ft dia; narrows to 4 ft dia; triangular cribbing; 60 ft to water; high hazard.	do
Do	113	4104705N, 354730E	do	Collapsed, in east end of surface collapse; opens to mine room at 15 ft; high hazard.	Filling
Do	114	4104735N, 354695E	do	Open, uncollapsed, 4 x 5 ft; cribbed; 60 ft deep to water; high hazard.	Plugging
Do	115	4104760N, 354755E	do	Collapsed, 30 ft dia; 50 ft deep to water; in chat pile; high hazard.	Filling
Do	116	4104790N, 354780E	do	Collapsed, 15 ft dia; 25 ft deep; in chat pile; high hazard.	Plugging
Do	117	4104775N, 354710E	do	Collapsed, 20 ft dia; 60-70 ft to water; high hazard.	Filling or fencing
Do	118	4104800N, 354705E	do	Collapsed, 40 ft dia; 10-15 ft deep; partially filled with trash; low hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	119	4104790N, 354685E	Southside Mine	Collapsed, 25 ft dia; nar- rows to 10 ft dia; 60-70 ft deep to water; high hazard.	Filling or plug- ging
Do	120	4104810N, 354640E	do	Collapsed, 20 ft dia; nar- rows to 4 x 6 ft; 40 ft deep; dry; high hazard.	Plugging
Do	121	4104820N, 354610E	do	Collapsed, 6 ft dia; 40 ft deep; dry; high hazard.	do
Do	122	4104790N, 354560E	do	Collapsed, 20 ft dia; nar- rows to 4 ft dia; 50 ft deep to water; shaft opening buried beneath trash; high hazard.	do
Do	123	4104845N, 354525E	do	Collapsed, 20 ft dia; 15 ft deep; dry; moderate hazard.	Filling
Do	124	4104880N, 354545E	do	Collapsed, 20 ft dia; 15 ft deep; dry; moderate hazard.	do
Do	125	4104910N, 354560E	do	Collapsed, 10 ft dia; 15 ft deep; dry; high haz- ard.	do
Do	126	4104920N, 354535E	do	Collapsed, 6 ft dia; 30 ft deep; dry; high hazard.	Plugging
Do	127	4104910N, 354515E	do	Collapsed, 6 ft dia; 50 ft deep; dry; high hazard.	do
Do	128	4104930N, 354500E	do	Collapsed, 10 ft dia; 30 ft deep; dry; high haz- ard.	Plugging or fil- ling
Do	129	4104960N, 354525E	do	Collapsed, 12 ft dia; 10 ft deep; dry; moderate hazard; next to road.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	130	4104950N, 354550E	Southside Mine	Collapsed, 12 ft dia; nar- rows to 6 ft dia; 30 ft deep to water; high haz- ard.	Plugging
Do	131	4104935N, 354570E	do	Collapsed, 6 ft dia; 20 ft deep; dry; high hazard.	Plugging or fil- ling
Do	132	4104925N, 354590E	do	Collapsed, 6 ft dia; 40 ft deep to water; high haz- ard.	Plugging
Do	133	4104970N, 354585E	do	Collapsed, 8 ft dia; 20 ft deep; dry; connects to shallow mine room; high hazard.	Filling
Do	134	4104970N, 354600E	do	Collapsed, 6 ft dia; 20 ft deep; dry; connects to shallow mine room; high hazard.	do
Do	135	4104905N, 354625E	do	Collapsed, 6 x 8 ft; 30 ft deep; high hazard.	Plugging
Do	136	4104855N, 354635E	do	Collapsed, 12 ft dia; 10 ft deep; dry; low haz- ard.	Filling
Do	137	4104885N, 354650E	do	Collapsed, 20 ft dia; nar- rows to 5 ft, 50 ft deep; dry; high hazard.	Plugging
Do	138	4104920N, 354655E	do	Collapsed, 5 ft dia; 40 ft deep; dry; high hazard.	do
Do	139	4104965N, 354665E	do	Collapsed, 5 ft dia; 40 ft deep; dry; enters mine room accessible through collapse #54; high haz- ard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 14	140	4104970N, 354680E	Southside Mine	Collapsed, 6 ft dia; 40 ft deep; dry; enters mine room accessible by surface collapse #54; high hazard.	Plugging
Do	141	4104940N, 354685E	do	Collapsed, 8 ft dia; 60 ft deep; dry; high hazard.	do
Do	142	4104880N, 354685E	do	Collapsed, 20 ft dia; narrows to 6 ft dia; 60 ft deep; dry; high hazard.	do
Do	143	4104960N, 354710E	do	Collapsed, 6 ft dia; 20 ft deep; dry; high hazard.	do
Do	144	4104935N, 354720E	do	Collapsed, 20 ft dia; narrows to 6 ft; 50 ft deep; dry; high hazard.	do
Do	145	4104920N, 354730E	do	Collapsed, 40 ft dia; narrows to 10 ft; 80 ft deep to water; high hazard.	Plugging or filling
Do	146	4104980N, 354745E	do	Collapsed, 10 ft dia; connects with mine collapse to east; high hazard.	Filling
Do	147	4104970N, 354755E	do	Collapsed, 15 ft dia; narrows to 6 ft dia; enters shallow mine room; high hazard.	Plugging
Do	148	4104935N, 354765E	do	Collapsed, 20 ft dia at top; narrows to 6 ft dia; 50 ft deep; dry; high hazard.	do
Do	149	4104950N, 354810E	do	Collapsed, 6 x 6 ft; 30 ft deep; dry; enters mine room; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	150	4104970N, 354850E	Southside Mine	Collapsed, 8 ft dia; 30 ft deep; dry; high haz- ard.	Plugging
Do	151	4104950N, 354860E	do	Collapsed, 8 ft dia; 40 ft deep; dry; high haz- ard.	do
Do	152	4104865N, 354790E	do	Open, uncollapsed, 6 x 6 ft, concrete collar; 70 ft deep; high hazard.	Capping or plug- ging
Do	153	4104865N, 354840E	do	Collapsed, 25 ft dia; narrows to 8 ft dia; 80 ft deep; dry; high haz- ard.	Plugging
Do	154	4104895N, 354845E	do	Collapsed, 25 ft dia; 20 ft deep; dry; high haz- ard.	Filling
Do	155	4104920N, 354880E	do	Collapsed, 12 ft dia; 50 ft deep; opens to mine room; dry; high hazard.	Plugging
Do	156	4104920N, 354900E	do	Collapsed, 6 ft dia; 50 ft deep; dry; enters mine room; high hazard.	do
Do	157	4104930N, 354950E	do	Collapsed, 5 ft dia; 30 ft deep; dry; high haz- ard.	do
Do	158	4104895N, 354960E	do	Collapsed, 20 ft dia; nar- rows to 6 ft dia; enters mine room on north side; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.14	159	4104875N, 354985E	Southside Mine	Collapsed, 15 ft dia at top; narrows to 5 x 5 ft; some cribbing in place; on edge of collapse; 30 ft deep; dry; high hazard.	Plugging
Do	160	4104835N, 354900E	do	Collapsed, 40 ft dia; narrows to 10 ft; 30 ft deep; dry; may have collapsed with cave-in to south, #68; high hazard.	Filling
Do	161	4104715N, 354925E	do	Collapsed, 40 ft dia; narrows to 7 ft; 30 ft deep; mud bottom; in chat pile; high hazard.	Plugging
Do	162	4104680N, 354870E	do	Collapsed, 7 ft dia; 30 ft deep; dry; high hazard.	do
T.34S., R.25E., sec.15	1	4105210N, 352345E	?	Collapsed, 20 ft dia; 20 ft deep; dry; moderate hazard.	Filling
Do	2	4105150N, 352380E	?	Collapsed, 20 ft dia; 10 ft deep; partially filled with brush; low hazard.	do
Do	3	4105115N, 352390E	?	Collapsed, 15 ft dia; 15 ft deep; dry; moderate hazard.	do
Do	4	4105200N, 352440E	?	Collapsed, 20 ft dia; 10 ft deep; dry; low hazard.	Filling
Do	5	4105370N, 352660E	?	Collapsed, 15 ft dia; 15 ft deep; dry; moderate hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 15	6	4105435N, 352710E	?	Collapsed, 4 ft dia; 6 ft to water; moderate hazard.	Filling
Do	7	4105410N, 352770E	?	Collapsed, 4 ft dia; water at 6 ft; moderate hazard.	do
Do	8	4105340N, 352770E	Enright Mine (?)	Collapsed, 15 ft dia; 10 ft deep; dry; low hazard.	do
Do	9	4105295N, 352730E	?	Collapsed, 5 ft dia; 15 ft deep to water; high hazard.	do
Do	10	4105295N, 352700E	?	Collapsed, 10 ft dia; narrows to 5 ft dia; 15 ft deep; dry; high hazard.	do
Do	11	4105260N, 352690E	?	Collapsed, 10 ft dia; narrows to 4 ft dia; 20 ft deep to water; high hazard.	Plugging
Do	12	4105240N, 352750E	?	Collapsed, 20 ft dia; 12 ft deep; dry; moderate hazard.	Filling
Do	13	4105180N, 352810E	?	Collapsed, 15 ft dia; narrows to 5 ft dia; 30 ft deep; dry; high hazard.	Plugging
Do	14	4105250N, 352805E	?	Collapsed, 35 ft dia; partially filled with trash; 15-20 ft deep; dry; low hazard.	Filling
Do	15	4105235N, 352845E	?	Collapsed, 25 ft dia; 15 ft deep; dry; junk in bottom; low hazard.	do
Do	16	4105250N, 352855E	?	Collapsed, 10 ft dia; 10 ft deep; dry; how hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.15	17	4105340N, 352900E	Enright Mine (?)	Open and partially water-filled; 110 ft wide; 600 ft long; depth ?; moderate hazard. Open pit.	Filling or fencing
Do	18	4105450N, 353355E	?	Collapsed, 10 ft dia; 10 ft deep; filled with trash; moderate hazard.	Filling
Do	19	4105430N, 353290E	?	Open, little collapse; 6 x 6 ft; 40 ft deep; dry; high hazard.	Plugging
Do	20	4105395N, 353250E	?	Collapsed, 8 ft dia; 40 ft to water; drift exposed in northeast wall of shaft; high hazard.	do
Do	21	4105380N, 353240E	?	Collapsed, 20 ft dia; 15 ft deep; opens to mine room on east side; 12 ft roof; high hazard.	do
Do	22	4105355N, 353290E	?	Collapsed, 8 ft dia; 40 ft deep; dry; high hazard.	do
Do	23	4105330N, 353260E	?	Collapsed, 6 ft dia; 20 ft deep; dry; enters mine room at 15 ft depth; drifts lead east and west; toy ladder in hole; high hazard.	do
Do	24	4105330N, 353225E	?	Collapsed, 8 ft dia; 40 ft deep; dry; high hazard.	do
Do	25	4105295N, 353220E	?	Collapsed, opens into hillside near RR track; ladder found near opening; depth ?; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.15	26	4105280N, 353235E	?	Collapsed, 10 ft dia; 15 ft deep; moderate hazard.	Filling
Do	27	4105290N, 353245E	?	Collapsed, 8 ft dia; 10 ft deep; dry; moderate hazard.	do
Do	28	4105275N, 353260E	?	Collapsed, 5 ft dia; 10 ft deep; dry; high hazard.	do
Do	29	4105260N, 353270E	?	Collapsed, 5 ft dia; 30 ft deep; dry; high hazard.	Plugging
Do	30	4105250N, 353270E	?	Collapsed, 4 ft dia; 20 ft deep; dry; high hazard.	Filling
Do	31	4105250N, 353225E	?	Collapsed, 4 ft dia; 6 ft deep to water, near RR tracks; moderate hazard.	Plugging
Do	32	4105075N, 353090E	?	Collapsed, 20 ft dia; 15 ft deep to water; high hazard.	Filling
Do	33	4105020N, 353325E	?	Collapsed, 4 ft dia; 6 ft to water; high hazard.	Plugging
Do	34	4104935N, 353030E	?	Collapsed, 8 ft dia; 20 ft to water; high hazard.	do
Do	35	4104900N, 352980E	?	Collapsed, 20 ft dia; narrow rows to 5 ft; station wagon partially blocking shaft opening; 25 ft to water; some concrete collapsing in hole; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.15	36	4104415N, 352870E	Scarlett Kid Mine	Collapsed, 50 ft dia; 20 ft deep; partially filled with trash and car bodies; moderate hazard.	Filling
T.34S., R.25E., sec.22	1	4103565N, 353265E	Williams Mines (?)	Collapsed, partly closed; opening is bridged by loose rock and dirt, 50 ft to water; high hazard.	Plugging
Do	2	4103410N, 353160E	New Century Mine	Open, 4 x 4 ft; wood cribbing in place; filled with water to top; depth ?; moderate hazard.	do
Do	3	4103410N, 352890E	New York Mine	Collapsed, 10 ft dia at top; narrows to 4 ft dia; cribbed to within 10 ft of surface; on side of cave-in; 40 ft to water; high hazard.	do
Do	4	4103395N, 352765E	do	Collapsed, 40 ft dia; narrows to 8 ft; 30 ft deep to water; high hazard.	do
Do	5	4103395N, 352590E	do	Collapsed, 40 ft dia; narrows to 5 ft dia; 40 ft deep; dry; cribbing to within 20 ft of surface; in chat pile; high hazard.	do
Do	6	4103300N, 352785E	do	Collapsed, 50 ft dia at top; 40 ft deep to 5 ft dia shaft opening and water level; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec.22	7	4103315N, 352820E	New York Mine	Collapsed, 40 ft dia at top; narrows to 12 ft; 40 ft deep to trash; high hazard.	Plugging
Do	8	4103185N, 352675E	do	Open, uncollapsed, 5 x 7 ft; cribbed to top; 30 ft deep; high hazard.	do
Do	9	4103125N, 352540E	do	Collapsed, 35 ft dia; narrows to 10 ft; 30 ft to water; high hazard.	do
Do	10	4103085N, 352830E	do	Collapsed, 25 ft dia; 6 ft deep; water-filled; moderate hazard.	Filling
Do	11	4103060N, 352830E	do	Collapsed, 25 ft dia; narrows to 5 ft dia; 20 ft to water; high hazard; on side of mine collapse.	Plugging or filling
Do	12	4102890N, 352460E	New York Mine (?)	Collapsed, 18 ft dia at top; narrows to 4 ft; 40 ft deep; dry; cribbed to 10 ft below surface; high hazard.	Plugging
Do	13	4102685N, 352480E	do	Collapsed, 20 ft dia at top; narrows to 10 ft dia; 40 ft deep to water; high hazard.	do
Do	14	4102860N, 353130E	New Century Mine	Collapsed, 25 ft dia; narrows to 5 x 5 ft cribbing; 20 ft to water; high hazard.	do
Do	15	4102800N, 353200E	do	Collapsed, 30 ft dia at top; narrows to 6 ft dia; 50 ft deep to water; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E, sec.22	16	4102665N, 353155E	New Century Mine	Collapsed, 15 ft dia at top; narrows to 5 ft dia; cribbing begins 15 ft below surface; 30 ft deep; dry; high hazard.	Plugging
Do	17	4102850N, 353325E	do	Collapsed, 25 ft dia; narrows to 10 ft dia; 30 ft deep to water; high hazard.	do
Do	18	4102840N, 353340E	do	Collapsed, 25 ft dia; narrows to 6 ft; 50 ft deep to water; high hazard.	do
Do	19	4102825N, 353320E	do	Collapsed, 40 x 50 ft at surface; enters mine room at 30 ft depth; water at 40 ft; high hazard.	Filling or fencing
T.34S., R.25E., sec.23	1	4103775N, 354715E	?	Collapsed, 40 ft dia at surface; narrows to 10 ft dia; 20 ft to water; high hazard.	Plugging
Do	2	4103745N, 354750E	?	Collapsed, 40 ft dia; 20 ft deep; dry; junk at bottom; low hazard.	Filling
Do	3	4103720N, 354675E	?	Collapsed, 25 ft dia at top, narrows to 5 x 7 ft cribbed shaft; water at top of cribbing at depth of 15-25 ft; high hazard.	Plugging
Do	4	4103670N, 354740E	?	Collapsed, 25 ft dia; narrows to 6 ft dia; water at 20 ft; high hazard.	Plugging or filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.23	5	4103710N, 354400E	Ohio Mine	Collapsed, 20 ft dia; 15 ft deep; dry; moderate hazard.	Filling
Do	6	4103670N, 354590E	?	Collapsed, 50 ft dia; narrows to 6 ft; water at 20 ft; joins shaft #7; high hazard.	Plugging or filling
Do	7	4103665N, 354605E	?	Collapsed, 50 ft dia; narrows to 15 ft dia; water at 20 ft; shaft appears to enter mine room to south; joins shaft #6; high hazard.	do
Do	8	4103645N, 354620E	?	Collapsed, 25 ft dia; filled with clear water; no visible bottom; high hazard.	Plugging
Do	9	4103640N, 354605E	?	Collapsed, 20 ft dia; trash and water-filled; may be deep; high hazard.	Plugging or filling
Do	10	4103545N, 353755E	?	Collapsed, 20 ft dia; narrows to 4 x 4 ft cribbed shaft; high hazard.	Plugging
Do	11	4103390N, 353400E	?	Collapsed, 30 ft dia; narrows to 10 ft dia; 50 ft to water; high hazard.	do
Do	12	4103330N, 353465E	West Vir- ginian Mine and/ or Cen- tral Mine	Collapsed, 20 x 40 ft; narrows to 20 ft dia; enters mine on west side; in tall grass and weeds; high hazard.	Filling or fencing

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 23	13	4103340N, 353590E	West Virginian Mine and/ or Crystal Mine	Collapsed, 100 ft dia; narrows to 6 ft dia at depth of 40 ft; opens to mine room on east side; high hazard.	Plugging
Do	14	4103305N, 353585E	do	Collapsed, 70 ft dia; narrows to 10 ft dia; 60 ft deep to water; 1981 photos show only 15 ft deep; further collapse occurred between photography and field check; high hazard.	do
T. 34S., R. 25E., sec. 25	1	4101015N, 355945E	?	Collapsed, 20 ft dia; 20 ft deep; dry; in woods (isolated); high hazard.	Filling
T. 34S., R. 25E., sec. 26	1	4101455N, 354480E	Hartford Mine	Collapsed, 10 ft dia; depth 80 ft; high hazard except it is enclosed by 6 ft chain link fence.	None
Do	2	4101245N, 354550E	do	Collapsed, 30 ft dia; water at 15 ft; high hazard.	Filling or fencing
T. 34S., R. 25E., sec. 27	1	4102585N, 353125E	Rochester Mine	Collapsed, 15 ft dia; 15 ft deep; moderate hazard.	Filling
Do	2	4102565N, 353205E	do	Collapsed, 20 ft dia at top; narrows to 6 ft; 40 ft deep to water; high hazard.	Plugging
Do	3	4102540N, 353185E	do	Collapsed, 15 ft dia; narrows to 8 ft dia; 30 ft deep to water; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.27	4	4102500N, 353110E	Rochester Mine	Collapsed, 6 ft dia; 40 ft deep to water; high hazard.	Plugging
Do	5	4102300N, 353275E	Weyland Mine	Collapsed, 6 ft dia; 20 ft deep; dry; high hazard.	do
Do	6	4102310N, 353215E	do	Collapsed, 6 ft dia; 40 ft deep to water; under large concrete structure; high hazard.	do
Do	7	4102340N, 353130E	do	Collapsed, 4 x 6 ft; some cribbing; depth - 30 ft to water; high hazard.	do
Do	8	4102360N, 353030E	do	Collapsed, 20 ft dia; 20 ft deep; dry; moderate hazard.	Filling
Do	9	4102400N, 352970E	do	Collapsed, 6 ft dia; 30 ft deep to water; high hazard.	Plugging
Do	10	4102455N, 352960E	Rochester Mine	Collapsed, 6 ft dia; 20 ft deep; dry; high hazard.	do
Do	11	4102505N, 352850E	?	Collapsed, 40 ft dia; 80 ft deep; partially closed off by trash; dry; high hazard.	do
Do	12	4102350N, 352900E	?	Collapsed, 12 ft dia; narrows to 6 ft dia; 80 ft deep; dry; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 27	13	4102205N, 352735E	?	Collapsed, 25 ft dia; narrows to 6 ft dia; 60 ft deep to water; high hazard.	Plugging
Do	14	4102180N, 352715E	?	Collapsed, 10 ft dia; 50 ft deep to water; drift exposed east side of shaft; high hazard.	do
Do	15	4102140N, 352745E	?	Collapsed, 8 ft dia; 30 ft deep to water; high hazard.	do
Do	16	4102130N, 352845E	?	Collapsed, 6 ft dia; 50 ft to water; high hazard.	do
Do	17	4102125N, 353130E	?	Open, uncollapsed; 5 x 5 ft; 20 ft deep to water; high hazard.	do
Do	18	4102090N, 353105E	Boston Mine (?)	Collapsed, 6 ft dia; 30 ft deep to water; enters mine room; high hazard.	do
Do	19	4102060N, 353085E	Boston Mine	Collapsed, 6 ft dia; 10 ft deep to water; high hazard.	do
Do	20	4102090N, 353025E	do	Collapsed, 6 ft dia; 50 ft deep to water; high hazard.	do
Do	21	4102075N, 353025E	do	Collapsed, some cribbing; 2 x 3 ft; 50 ft deep to water; high hazard.	do
Do	22	4102075N, 353010E	do	Collapsed, 8 ft dia; 40 ft deep to water; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 27	23	4102060N, 353020E	Boston Mine	Collapsed, 6 ft dia; 30 ft deep; dry high hazard.	Plugging
Do	24	4102000N, 353060E	do	Collapsed, 6 ft dia; 20 ft deep; dry; high hazard.	Plugging or filling
Do	25	4101990N, 353030E	do	Collapsed, 5 ft dia; 30 ft deep; dry; high hazard.	Plugging
Do	26	4101980N, 353045E	do	Collapsed, 20 x 30 ft; enters mine room to east; depth ?; high hazard.	Filling or fencing
Do	27	4101920N, 353040E	do	Collapsed, 5 ft dia; 30 ft deep; dry; high hazard.	Plugging
Do	28	4101950N, 353025E	do	Collapsed, 5 ft dia; 25 ft deep to water; high hazard.	do
Do	29	4101970N, 353015E	do	Collapsed, 5 ft dia; 20 ft deep to water; high hazard.	do
Do	30	4101985N, 353010E	do	Collapsed, 5 ft dia; 20 ft deep to water; high hazard.	do
Do	31	4101995N, 353010E	do	Collapsed, 5 ft dia; 10 ft deep to water; moderate hazard.	Filling
Do	32	4102000N, 352960E	do	Collapsed, 6 ft dia; 30 ft to water; high hazard.	Plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 27	33	4102045N, 352975E	Boston Mine	Collapsed, 6 ft dia; 50 ft deep to water; high hazard.	Plugging
Do	34	4102060N, 352970E	do	Collapsed, 8 ft dia; 60 ft deep; dry; high hazard.	do
Do	35	4102075N, 352950E	do	Collapsed, 6 ft dia; 60 ft deep to water; high hazard.	do
Do	36	4102065N, 352935E	?	Collapsed, 6 ft dia; 60 ft deep to water; high hazard.	do
Do	37	4102035N, 352910E	?	Collapsed, 6 ft dia; 30 ft deep to water; high hazard.	do
Do	38	4102060N, 352900E	?	Collapsed, 8 ft dia; 40 ft deep; dry; high hazard.	do
Do	39	4102080N, 352865E	?	Collapsed, 10 ft dia; 20 ft deep; dry; high hazard.	Filling
Do	40	4102045N, 352855E	?	Collapsed, 20 ft dia at top; narrows to 6 ft dia; 30 ft deep; high hazard.	Plugging
Do	41	4101900N, 352810E	?	Collapsed, 6 ft dia; water-filled; appears to be deep; moderate hazard.	do
Do	42	4101855N, 352775E	?	Collapsed, 6 ft dia; water-filled; appears to be deep; moderate hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.27	43	4101960N, 352750E	?	Collapsed, 4 ft dia; water-filled; does not appear to be deep; low hazard.	Filling
Do	44	4101970N, 352720E	?	Collapsed, 6 ft dia; 30 ft deep to water; high haz- ard.	Plugging
Do	45	4102055N, 352770E	?	Collapsed, 6 ft dia; 20 ft deep to water; high haz- ard.	do
Do	46	4102100N, 352750E	?	Collapsed, 20 ft dia; nar- rows to 6 ft dia; 30 ft deep to water; high haz- ard.	do
Do	47	4102090N, 352740E	?	Collapsed, 20 ft dia; nar- rows to 6 ft; 30 ft deep; dry; high hazard.	do
Do	48	4102075N, 352725E	?	Collapsed, 6 ft dia; 20 ft to water; high hazard.	do
Do	49	4102035N, 352690E	?	Collapsed, 6 ft dia; 20 ft deep; dry; high hazard.	do
Do	50	4102035N, 352710E	?	Collapsed, 6 ft dia; 20 ft deep to water; high haz- ard.	do
Do	51	4102025N, 352720E	?	Collapsed, 10 x 20 ft; enters mine room at shal- low depth; maybe roof- collapse; high hazard.	Filling or fenc- ing
Do	52	4102010N, 352720E	?	Collapsed, 5 ft dia; enters mine room at depth of 10 ft; high hazard.	Plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 27	53	4101985N, 352705E	?	Collapsed, 6 ft dia; 20 ft deep; dry; high hazard.	Plugging
Do	54	4101970N, 352705E	?	Collapsed, 6 ft dia; 30 ft deep; dry; high hazard.	do
Do	55	4101950N, 352690E	?	Collapsed, 6 ft dia; 30 ft deep; dry; enters mine room; high hazard.	do
Do	56	4101935N, 352680E	?	Collapsed, 6 ft dia; 50 ft deep to water; high hazard.	do
Do	57	4101965N, 352675E	?	Collapsed, 6 ft dia; 50 ft deep; dry; high hazard.	do
Do	58	4102065N, 352525E	?	Collapsed, 30 ft dia at top; narrows to 6 ft dia; 25 ft deep to water; high hazard.	do
Do	59	4102075N, 352505E	?	Collapsed, 25 ft dia; narrows to 6 ft dia; high hazard.	do
Do	60	4102085N, 352530E	?	Collapsed, 20 ft dia; narrows to 6 ft dia; some cribbing in place; 20 ft deep to water; high hazard.	do
Do	61	4102090N, 352510E	?	Collapsed, 40 x 60 ft at top; narrows to 6 x 10 ft; 20 ft to water which appears to be deep; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.27	62	4102240N, 352425E	?	Collapsed, 90 ft dia; nar- rows to 5 x 5 ft shaft opening at depth of 40 ft; contains trash; water-filled to top of shaft; high hazard.	Plugging
Do	63	4102115N, 352310E	?	Collapsed, 70 ft dia; nar- rows to 20 ft dia at top of exposed mine room; 30 ft to water; near road; high hazard.	Filling or fenc- ing
Do	64	4102110N, 352295E	?	Collapsed, 20 ft dia; nar- rows to 5 ft dia; 30 ft deep to water; cribbing in place to within 20 ft of surface; high hazard.	Plugging
Do	65	4102100N, 352240E	?	Collapsed, 15 ft dia; 10 ft deep; dry; moderate hazard.	Filling
Do	66	4101970N, 352435E	?	Collapsed, 5 ft dia; 40 ft deep; dry; cribbed to 10 ft of surface; high haz- ard.	Plugging
Do	67	4101880N, 352565E	?	Collapsed, 12 ft dia; nar- rows to 6 ft dia; 60 ft deep to water; high haz- ard.	do
Do	68	4101885N, 352415E	?	Open, 5 x 5 ft; cribbed; in chat pile; 35 ft deep to water; high hazard.	do
Do	69	4101845N, 352435E	?	Collapsed, 20 ft dia; nar- rows to 8 ft dia; 35 ft deep to water; high haz- ard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 27	70	4101830N, 352425E	?	Collapsed, 8 ft dia; 10 ft deep; dry; moderate hazard.	Filling
Do	71	4101820N, 352460E	?	Collapsed, 6 ft dia; 60 ft deep to water; high hazard.	Plugging
Do	72	4101800N, 352460E	?	Collapsed, 8 ft dia; 50 ft deep to water; high hazard.	do
Do	73	4101780N, 352440E	?	Collapsed, 6 ft dia; 40 ft deep to water; high hazard.	do
Do	74	4101770N, 352450E	?	Collapsed, 8 ft dia; 5 ft deep to water; high hazard.	do
Do	75	4101815N, 352525E	?	Collapsed, 5 x 5 ft; wood cribbing in place and in poor condition; 5 ft deep to water; high hazard.	do
Do	76	4101520N, 352065E	Andayer Mine (?)	Open, 5 x 5 ft; cribbing in poor condition; 5 ft deep to water; depth (?); high hazard.	do
Do	77	4101405N, 352100E	?	Collapsed, 6 ft dia; 20 ft deep; dry; high hazard.	do
Do	78	4101175N, 352125E	?	Collapsed, 12 ft dia; 8 ft deep to water; moderate hazard.	Filling
Do	79	4101370N, 352100E	?	6 x 6 ft; length (?); partially flooded; high hazard. Adit.	Sealing

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.27	80	4102050N, 352670E	?	5 x 5 ft; length (?); partially flooded; high hazard. Adit	Sealing
Do	81	4102040N, 352690E	?	do	do
Do	82	4102035N, 352710E	?	do	do
Do	83	4102055N, 352715E	?	do	do
Do	84	4102025N, 353035E	Boston Mine	do	do
T.34S., R.25E., sec.28	1	4101520N, 351580E	Andayer Mine	Open, slight collapse; 5 x 5 ft; cribbing in fairly good condition; high hazard.	Plugging
Do	2	4101480N, 351570E	Andayer Mine (?)	Collapsed, 25 ft dia at top; 18 ft deep to water; high hazard.	Filling or plugging
Do	3	4101460N, 351570E	Andayer Mine	Collapsed, 40 ft dia; 16 ft deep to water; drift exposed in shaft wall; heading northeast; high hazard.	do
Do	4	4101460N, 351595E	do	Collapsed, 20 ft dia; 18 ft deep; dry; moderate hazard.	Filling
Do	5	4101435N, 351600E	do	Collapsed slightly, 5 x 5 ft; no cribbing in place; 30 ft deep to water; high hazard.	Plugging
T.34S., R.25E., sec.33	1	4100810N, 351380E	?	Collapsed, 12 ft dia; 20 ft deep; dry; between 2 homes; a ladder made of old tires was placed in shaft for escape by owner; high hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.34	1	4099815N, 352980E	Boska Mine	Collapsed, 30 ft dia at top, narrows to 15 ft dia; shaft opening partially blocked by large concrete slab; depth 100 ft; dry; high hazard.	Plugging
Do	2	4099525N, 353035E	Clermont Mine	Collapsed, 40 ft dia; 20 ft deep; dry; low hazard.	Filling
T35S., R.23E., sec.2	1	4098610N, 334835E	Northern Mine	Collapsed, 50 ft dia; 50-60 ft to water; high hazard.	Plugging or fencing
Do	2	4098610N, 334775E	do	Collapsed, 20 ft dia; 20 ft deep; dry; trees growing inside, low hazard.	Filling
Do	3	4098535N, 334740E	Muncie Mine	Collapsed, 20 ft dia; 15 ft deep; dry; concrete fallen in hole; low hazard.	do
Do	4	4098390N, 334210E	Big John Mine	Open, uncollapsed, 5 x 5 ft; wood cribbing; 60 ft to water; high hazard.	Plugging
Do	5	4098300N, 334010E	do	Collapsed, 15 ft dia; water-filled; depth ?; high hazard.	Filling or plugging
Do	6	4098490N, 335370E	Southern Mine	Open, uncollapsed, 5 x 7 ft; wood cribbing; protected by small welded wire fence; 50 ft deep to water; high hazard.	Plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 23E., sec. 2	7	4098480N, 335250E	Sample Mine	Collapsed, 40 ft dia; in large chat pile; cribbing to within 15 ft of surface; 100 ft deep to water; high hazard.	Plugging; fencing
Do	8	4098415N, 335360E	Southern Mine	Collapsed, 15 ft dia; blocked by large concrete blocks but still partly open; moderate hazard.	Plugging
Do	9	4098315N, 334960E	Muncie Mine	Collapsed, 15 ft dia; opening blocked by concrete rubble; depth 100 ft to water; high hazard.	do
Do	10	4098280N, 335040E	do	Open, uncollapsed, 5 x 6 ft; concrete collar intact, wood cribbing at 15 ft; depth 100 ft to water; high hazard.	Plugging or capping
Do	11	4098230N, 335110E	Sample Mine	Collapsed, 50 ft dia; concrete slab falling in on south side; partially fenced off but fence is down in places; high hazard.	Plugging
T. 35S., R. 23E., sec. 3	1	4099455N, 332980E	Stebbins Mine	Open, uncollapsed, 6 x 12 ft concrete collar intact; cribbing is rotted and in poor condition; no protection; high hazard.	Capping or plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 23E., sec. 3	2	4099160N, 333060E	Stebbins Mine	Collapsed, 30 ft dia; 100 ft deep to water; in trees; high hazard.	Plugging
Do	3	4099155N, 333105E	Lucky Jew Mine	Collapsed, 40 ft dia; 20 ft to water; high hazard.	Filling
Do	4	4099065N, 333680E	Mark Twain Mine	Open, uncollapsed, 5 x 6 ft, concrete collar intact; brush piled over top; 100 ft deep to water; no protection; high hazard.	Plugging
Do	5	4098680N, 333305E	Lucky Jew Mine	Collapsed, 20 ft dia; 20 ft deep; dry; partly trash-filled; moderate hazard.	Filling
Do	6	4098680N, 333605E	do	Open, uncollapsed, 5 x 6 ft, wood cribbing pulling away from sides of shaft; 80 ft deep to water; no protection; high hazard.	Plugging
T. 35S., R. 23E., sec. 10	1	4097510N, 333815E	Big John Mine	Collapsed, 45 ft dia; water-filled; deep; high hazard.	Fencing
Do	2	4096880N, 333660E	Jarrett Mine	Open, 5 x 7 ft; cribbed; 100 ft to water; partially covered by car body; high hazard.	Plugging
Do	3	4096840, 332675E	A.D. Chubb Mine	Collapsed, 40 ft dia; partly filled with water; fenced; low hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 23E., sec. 10	4	4096770N, 332615E	A.D.Chubb Mine	Collapsed, 30 ft dia; partly water-filled; low hazard.	Filling
Do	5	4096680N, 333740E	Jarrett Mine	Collapsed, 20 ft dia; filled with large con- crete blocks; may be braced; 6 ft deep; fenced; moderate haz- ard.	Filling
Do	6	4097395N, 333460E	Big John Mine	Open, uncollapsed, 4 x 8 ft; cribbed; partially covered by loose planks; 50 ft deep to water; in brush; high hazard.	Plugging
T. 35S., R. 23E., sec. 11	1	4098080N, 334250E	do	Collapsed, 50 ft dia; ad- jacent to a western branch of Tar Creek; shaft open- ing is 8 ft dia; par- tially covered by large boulder; when creek flows it is diverted to shaft and goes under- ground; high hazard.	do
Do	2	4098060N, 335180E	Big Elk Mine	Collapsed, 20 ft dia; water-filled; moderate hazard.	Fencing or fil- ling
Do	3	4097915N, 334560E	Black Eagle Mine	Collapsed, 20 ft dia; contains caved concrete; water-filled; depth ?; high hazard.	Plugging or fencing

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.35S., R.23E., sec.11	4	4097815N, 334915E	Tar Creek Mine	Collapsed, 20 ft dia; water-filled; appears deep; moderate hazard.	Plugging or fencing
Do	5	4097775N, 334860E	do	Open, uncollapsed, 5 x 7 ft; concrete collar in place; 80 ft deep; dry; fenced off; high hazard.	Plugging
Do	6	4097665N, 334740E	Tulsa Quapaw Mine	Collapsed, 35 ft dia; 40 ft deep to water; high hazard.	Plugging or fencing
Do	7	4097480N, 334010E	Robinson Mine	Collapsed, 30 ft dia; 80 ft deep; dry; high hazard.	Plugging
Do	8	4097480N, 334780E	Tulsa Quapaw Mine	Collapsed, 6 x 12 ft concrete collar undermined; 50 ft deep to water; high hazard.	do
Do	9	4097460N, 334870E	do	Collapsed, 15 ft dia; 15 ft deep; dry; low hazard.	Filling
Do	10	4097440N, 335310E	Fox Mine	Open, collapsed, 10 x 6 ft; concrete collar; on southeast edge of large mine cave-in; 40 ft deep to water; high hazard.	Plugging
Do	11	4097390N, 334805E	Tulsa Quapaw Mine	Collapsed, 20 ft dia; 10 ft deep; dry; low hazard.	Filling
Do	12	4097395N, 334585E	Robinson Mine	Collapsed, 35 ft dia; 30 ft deep to water; high hazard.	Plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.35S., R.23E., sec.11	13	4097390N, 334470E	Robinson Mine	Collapsed partially; some of concrete collar still in place but is undermined; 9 x 12 ft; 80 ft deep to water; high hazard.	Plugging
Do	14	4097190N, 334115E	King Brand Mine	Collapsed, 25 ft dia; 50 ft deep to water; high hazard.	do
Do	15	4097180N, 334175E	King Brand Mine	Collapsed, 25 ft dia; 10 ft deep; dry; low hazard.	Filling
Do	16	4097220N, 334955E	Tulsa Quapaw Wade Mine	Collapsed, 25 ft dia; 60 ft deep to water; high hazard.	Plugging
Do	17	4097215N, 335015E	do	Collapsed, 25 ft dia; 60 ft deep to water; in trees and brush; high hazard.	do
Do	18	4097080N, 334780E	do	Collapsed, 35 ft dia; 30 ft deep to water; high hazard.	do
Do	19	4097100N, 334465E	King Brand Mine	Collapsed, 20 ft dia; caved under concrete slab on north side; 30 ft deep to water; high hazard.	do
Do	20	4096980N, 334205E	do	Collapsed, 25 ft dia; 15 ft deep; in trees; moderate hazard.	Filling
Do	21	4096815N, 333965E	Longacre Mine	Collapsed, 40 ft dia; mostly filled with water; not deep; moderate hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 23E., sec. 11	22	4096820N, 334505E	DeArmand Mine	Open, uncollapsed, 5 x 7 ft; 20 ft deep; high hazard.	Plugging or capping
Do	23	4096720N, 334260E	do	Collapsed, 50 ft dia; water-filled; moderate hazard.	Fencing or Fil- ling
Do	24	4096705N, 334210E	Longacre Mine	Collapsed, 25 ft dia; water-filled; not deep; moderate hazard.	Filling
Do	25	4096605N, 334450E	do	Collapsed, 50 ft dia; water-filled; not deep; moderate hazard.	do
Do	26	4096610N, 334680E	Bendelari Mine	Collapsed, 35 ft dia; water-filled; deep; high hazard.	Plugging
Do	27	4098090N, 334000E	Big John Mine	Open, uncollapsed, con- crete collar in place; 80 ft deep to water; some cribbing collapsed; partial collapse on west side; high hazard.	do
T. 35S., R. 23E., sec. 12	1	4097760N, 336210E	K.E. Jarrett Mine	Collapsed, concrete foun- dation fallen in; 50 ft deep; dry; high hazard.	Plugging
Do	2	4097430N, 336115E	do	Collapsed, 30 ft dia; 40 ft deep to water; in trees; high hazard.	do
Do	3	4097465N, 336380E	do	Collapsed, cribbing pulled away from sides; contains some trash; 50 ft deep to water; high hazard.	do

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 23E., sec. 12	4	4097465N, 336730E	K.E.Jarrett Mine	Collapsed, 80 ft dia; water-filled; deep; high hazard.	Plugging or fencing
Do	5	4097425N, 336815E	do	Collapsed, 20 ft dia; water-filled; moderate hazard.	do
Do	6	4097200N, 336620E	Webber Mine	Collapsed, 70 ft dia; water-filled to near top; deep; high hazard.	do
Do	7	4097070N, 335925E	Kansouri Mine	Collapsed, 80 ft dia; 50 ft deep to water; in sumac; high hazard.	do
Do	8	4096945, 335880E	do	Collapsed, 20 ft dia; 50 ft deep to trash-covered bottom; dry; high hazard.	do
T. 35S., R. 23E., sec. 13	1	4096390N, 336380E	Blue Diamond Mine	Collapsed, 45 ft dia; water-filled with some trash; appears deep; moderate hazard.	Plugging or fencing
Do	2	4096280N, 336580E	do	Collapsed, 45 ft dia; water-filled, appears deep; contains trash; moderate hazard.	do
Do	3	4096235N, 336945E	New Blue Diamond Mine	Collapsed, 20 ft dia; 30 ft deep; undercut on south and west side; high hazard.	Filling
Do	4	4096255N, 336540E	Blue Diamond Mine	Collapsed, 50 ft dia; water-filled; appears deep; moderate hazard.	Plugging or fencing
Do	5	4096215N, 336280E	do	Collapsed, 60 ft dia; 25 ft deep; dry; overgrown with trees; low hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action Observation
T. 35S., R. 23E., sec. 13	6	4096250N, 335560E	Chubb Mine	Possible collapsing in shaft-depression in chert; 20 ft dia; 5 ft deep; no immediate hazard.	
T. 35S., R. 23E., sec. 14	1	4096405N, 334150E	Boska Mine	Collapsed, 50 ft dia; in chat pile; 20 ft deep; sometimes filled with water; moderate hazard.	Filling
Do	2	4096300N, 334180E	do	Collapsed, 15 ft dia; 10 ft deep; dry; low hazard.	do
Do	3	4096290N, 334535E	Mid-Contin- ent/Law- yers Mine	Collapsed, 20 ft dia; water-filled to 10 ft of surface; appears deep; high hazard.	Plugging
Do	4	4096225N, 334535E	do	Collapsed, 20 ft dia; filled with water to near surface; appears deep; moderate hazard.	do
Do	5	4096320N, 335220E	Wilbur Mine	Open, uncollapsed, 6 x 6 ft; wood cribbing in place; 50 ft deep to water; high hazard.	do
Do	6	4096225N, 335210E	do	Open, uncollapsed, 5 x 6 ft; concrete collar and wood cribbing in place; 30 ft deep to water; high hazard.	Plugging or capping
T. 35S., R. 23E., sec. 15	1	4096475N, 333715E	Jarrett Mine	Collapsed, water-filled; in trees; moderate hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.35S., R.23E., sec.15	2	4096460N, 333605E	Jarrett Mine	Collapsed, 25 ft dia; 40 ft deep to water; fenced; high hazard.	Plugging
Do	3	4096345N, 333415E	do	Open, uncollapsed, 6 x 7 ft, wood cribbing in place; 50 ft deep to water; high hazard.	do
T.35S., R.24E., sec.2	1	4099335N, 343725E	Homestake Mine	Collapsed, 30 ft dia at surface; narrows to 10 ft dia; 80 ft deep; dry; no protection; used as trash dump; high hazard.	do
Do	2	4099285N, 343695E	do	Collapsed, 100 ft dia; filled with turquois-colored water; appears deep; moderate hazard.	Fencing
Do	3	4099265N, 344090E	Clara Jane Mine	Collapsed, 35 ft dia; filled with water; appears deep; moderate hazard.	Plugging or fencing
Do	4	4099240N, 344440E	Racetrack Mine	Collapsed, 45 ft dia; 20 ft deep; dry; contains some brush; moderate hazard.	Filling
Do	5	4099195N, 344000E	Clara Jane Mine	Collapsed, 35 ft dia; water-filled; appears deep; moderate hazard.	Plugging or fencing
Do	6	4098865N, 344245E	do	Collapsed, 15 ft dia; 40 ft deep; dry; in brush; high hazard.	Plugging
Do	7	4098780N, 343830E	Dines Hartley Mine	Collapsed, 40 ft dia; 15 ft deep; dry; contains large concrete foundations collapsed in hole; moderate hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits---Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.35S., R.24E., sec.3	1	4098670N, 343430N	Liza Jane Mine	Open, uncollapsed, 6 x 8 ft, concrete collar in place; deep; high hazard.	Capping or plugging
Do	2	4098645N, 343320E	do	Collapsed, 20 ft dia; bridged with concrete blocks and filled in past but still subsiding; potentially hazardous.	Observation
Do	3	4098440N, 343045E	Hartley Mine	Collapsed, 10 ft dia; 20 ft deep; dry; foundations caved in; moderate hazard.	Filling
Do	4	4098050N, 342535E	English "O" Mine	Open, uncollapsed, 8 x 8 ft, concrete collar in place; no protection; high hazard.	Capping or plugging
Do	5	4098025N, 342620E	do	Collapsed, 40 ft dia; water-filled; approx. 10 ft deep; moderate hazard.	Filling or fencing
Do	6	4098320N, 343345E	Hartley Mine	Open, uncollapsed; partly open, junk over top; concrete collar in place; 20 ft deep; dry; high hazard.	Capping or filling
T.35S., R.24E., sec.6	1	4098120N, 337240E	Mullen Mine	Collapsed, 25 ft dia; 10 deep; filled with trash; moderate hazard.	Filling
T.35S., R.24E., sec.7	1	4098055N, 337255E	Foley Mine	Open, uncollapsed; old truck body blocking hole; fenced; high hazard.	Plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 24E, sec. 7	2	4097285N, 337170E	Foley Mine	Collapsed, 60 ft dia; mostly filled with water and junk; moderate hazard.	Fencing
T. 35S., R. 24E., sec. 10	1	4097870N, 342540E	Clark Mine	Collapsed, 15 x 25 ft; 15 ft deep; dry; low hazard.	Filling
Do	2	4097215N, 342630E	Clark or Cherokee Mine	Collapsed, 25 ft dia; 150 ft deep to water; high hazard.	Plugging
Do	3	4097130N, 342640E	Iron Mountain Mine	Collapsed, 20 ft dia; 150 ft deep to water; partly fenced.	do
Do	4	4097105N, 341940E	do	Collapsed, 25 ft dia; 20 ft deep; may be bridged by concrete; in trees; high hazard.	Plugging or filling
Do	5	4097040N, 342090E	do	Collapsed, 20 ft dia; overgrown in trees; 150 ft deep to water; high hazard.	Plugging
Do	6	4096820N, 342555E	do	Open, uncollapsed; concrete collar and cribbing in place; partly blocked by concrete; 100 ft deep to water; high hazard.	do
Do	7	4096730N, 342580E	Peru Mine	Collapsed, 30 ft dia; 20 ft deep; dry; between 2 large cave-ins; low hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 24E., sec. 10	8	4096725N, 342685E	Peru Mine	Collapsed, wood cribbing over top of shaft; concrete collar caved in; 20 ft dia; 50 ft deep; dry; high hazard.	Plugging
Do	9	4096715N, 342360E	do	Collapsed, 45 ft dia; 15 to 20 ft deep; occasionally water-filled; moderately water-filled; moderate hazard.	Filling
Do	10	4096710N, 342255E	Euterpe Mine	Collapsed, 45 ft dia; still caving; taking in boulder pile to north; hole partially blocked by tree; 200 ft deep to water; high hazard.	Plugging
Do	11	4096710N, 342205E	do	Collapsed, 100 ft dia; fenced with warning signs; 200 ft deep to water; high hazard.	Plugging
Do	12	4096635N, 342245E	do	Collapsed, 70 x 120 ft; water-filled; appears deep; moderate hazard.	Plugging or fencing
Do	13	4096665N, 342305E	do	Collapsed, 60 ft dia; water-filled to near surface; appears deep; moderate hazard.	Plugging or fencing
Do	14	4096540N, 342380E	Peru Mine	Collapsed, 20 x 8 ft; partly fenced; 200 ft deep; dry; high hazard.	Plugging
Do	15	4096480N, 342235E	Euterpe Mine	Collapsed, 70 ft dia; filled with water to near surface; depth ?; moderate hazard.	Plugging or fencing

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 24E., sec. 11	1	4097770N, 344500E	Sonny Boy Mine	Collapsed, 30 ft dia at surface; 80 ft deep; dry; appears to have been filled on 1981 photography; collapse occurred after that date; high hazard.	Plugging
Do	2	4097640N, 344605E	Hartley Grantham Mine	Collapsed, 15 ft dia; in trees; eroded on east side; 100 ft deep to water; high hazard.	do
Do	3	4097620N, 344515E	do	Collapsed, 20 ft dia; concrete foundation fal- ling in hole; 30 ft deep; dry; high hazard.	do
T. 35S., R. 24E., sec. 12	1	4096350N, 345705E	Commonwealth No. 3 Mine	Collapsed, 20 ft dia; mostly filled with water; moderate hazard.	Plugging
Do	2	4096350N, 345775E	do	Collapsed, 50 ft dia; 15 ft deep to water; con- tains junk and old con- crete foundations; may be bridged; high hazard.	do
Do	3	4096295N, 345755E	do	Collapsed, 15 ft deep; 3 ft deep to water; depth ?; moderate hazard.	Plugging or filling
Do	4	4096300N, 345715E	do	Open, uncollapsed; round wood timbers used for cribbing still in place; 10 ft deep to water; in grass and weeds; high hazard.	Plugging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM1 Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.35S., R.24E., sec.13	1	4096235N, 345875E	Harrington Mine	Collapsed, 15 ft dia; concrete slab fallen in; dry; 10 ft deep; low hazard.	Filling
Do	2	4096200N, 345860E	do	Collapsed, 50 ft dia; wood hoisting frame and concrete fallen into shaft; filled with water to near surface; moderate hazard.	Plugging or fencing
Do	3	4096055N, 345910E	do	Collapsed, 25 x 35 ft; filled with water to near surface; some trash, water-murky; depth ?; moderate hazard.	Filling or fence- ing
Do	4	4096000N, 345740E	do	Collapsed, 40-50 ft dia; water-filled; depth ?; appears deep; moderate hazard.	Fencing or fill- ing
Do	5	4096050N, 345205E	Wade Mine (Common- wealth No. 2)	Collapsed, 20 ft dia; water-filled; depth ?; moderate hazard.	do
Do	6	4095995N, 345190E	do	Collapsed, 180 x 250 ft; 60 ft deep; dry; over- grown with trees; near U.S. 66 and State Line Road; high hazard.	Fencing; Guard- rails
Do	7	4095960N, 345280E	do	Open, uncollapsed shaft; 5 x 5 ft; depth 100 ft to water; rotten wood cribbing in place on 3 sides; high hazard.	Capping or plug- ging

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.35S., R.24E., sec.13	8	4095950N, 345340E	Wade Mine (Common-wealth No. 2)	Collapsed, 100 ft dia; 50 ft deep to shaft opening; 10 ft dia; total depth?; on State Line adjacent to road; high hazard.	Fencing--Guard-rails
T.35S., R.24E., sec.16	1	4096335N, 341360E	Bunker Hill Mine	Collapsed, 40 ft dia; mostly filled with water; depth ?; moderate hazard.	Fencing or plugging
Do	2	4096320N, 341310E	do	Collapsed, 50 ft dia; water-filled; deep; moderate hazard.	do
Do	3	4096170N, 341645E	Lucky O.K. Mine	Open, 5 x 7 ft; 150 ft deep to water; high hazard.	Capping or plugging
Do	4	4096125N, 341590E	do	Collapsed, dozed shut; 20 ft deep; dry; overgrown in trees; low hazard.	Filling
Do	5	4096115N, 341545E	do	Collapsed, 25 ft dia; 250-300 ft deep to water; in trees; high hazard.	Plugging
Do	6	4096145N, 341395E	Bunker Hill Mine	Collapsed, 40 ft dia; filled to varying heights with water; deep; high hazard.	do
T.35S., R.24E., sec.17	1	4096175N, 339815E	John Stoskopf Mine	Collapsed, 25 ft dia; 20 ft deep; filled with trees and brush; moderate hazard.	Filling

TABLE C-1. - Open Mine Shafts, Adits, and Pits--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.35S., R.24E., sec.18	1	4096400N, 337700E	Blue Mound Mine	Collapsed, 20 ft dia; concrete slab over- hanging shaft opening; fenced; in trees; 150- 200 ft deep to water; high hazard.	Plugging
Do	2	4096315N, 337325E	do	Collapsed, hoisting frame still in place; grown up in trees and vines; 30 ft deep; dry; high haz- ard.	Plugging or filling
Do	3	4096310N, 337385E	do	Open, uncollapsed, 5 x 7 ft; wood cribbing in place; covered by car body; 50 ft deep to water; high hazard.	Plugging

TABLE C-2. - Subsidence Events

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 32S., R. 25E. Sec. 24	1	4123330N, 355840E	Pre-1938	80 ft dia; water-filled; no protection; moderate hazard.	Fencing
Do	2	4123290N, 355840E	do	150 ft dia; water-filled; flooded; moderate hazard.	do
Do	3	4123250N, 355880E	1938-1950	150 ft dia; 20 ft deep; collapsed shaft on west side; flooded to 15 ft of surface; shaft not visible when flooded; high hazard.	do
Do	4	4123120N, 355890E	Pre-1938	200 ft dia; 20 ft deep; dry-mud bottom; low hazard.	do
Do	5	4123050N, 355920E	do	50 ft dia; 15 ft deep; dry; low hazard.	do
Do	6	4122760N, 356160E	do	220 ft dia; 35 ft deep; mud-bottom; moderate hazard.	do
Do	7	4122790N, 356280E	do	200 ft dia; 35 ft deep; mostly dry; holds water occasionally; moderate hazard.	do
Do	8	4122740N, 356410E	do	200 x 450 ft; 30 ft deep; chat in bottom; low to moderate hazard.	do
Do	9	4122660N, 356280E	do	400 x 200 ft; 40 ft deep; dry; moderate hazard.	do

¹ (UTM) Universal Transverse Mercator

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 32S., R. 25E., Sec. 24	10	4122560N, 356390E	Pre-1938	450 x 200 ft; 20 ft deep; some water 5 ft deep; present - collapsing piers on northeast side near Stateline Road; low hazard.	Fencing; warning signs.
Do	11	4122400N, 356460E	do	200 x 400 ft; 30 ft deep; some water in bottom; surrounded by trees; near Stateline Road.	do
T. 32S., R. 25E., Sec. 25	1	4122040N, 356270E	1938-1950	200 ft dia; 25 ft deep; dry chat in bottom; slight hazard.	None
Do	2	4122050N, 356400E	do	110 x 150 ft; 40 ft deep; Dry; piers collapsing on northwest side; slight hazard.	do
Do	3	4121990N, 356360E	Pre-1938	175 x 250 ft; 40 ft deep; moderate hazard; water-mud bottom and car bodies.	Fencing
Do	4	4121850N, 356350E	do	250 ft dia; 35 ft deep; water bottom; moderate hazard.	do
Do	5	4121660N, 356450E	West end-1938-1950 East end-Pre-1938	400 x 250 ft; 35 ft deep; chat bottom; slight to moderate hazard.	do
Do	6	4121560N, 356370E	1950-1973	160 ft dia; 35 ft deep; chat bottom; slight hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 32S., R. 25E., Sec. 25	7	4121550N, 356220E	1950-1973	160 x 220 ft; 15 ft deep; chat and water at bottom; slight hazard.	None
Do	8	4121450N, 356375E	1938-1950 (?)	Small, 22 ft dia; shallow (5 ft); dry; little hazard.	do
Do	9	4121430N, 356375E	do	10 ft dia; 5 ft deep; dry; little hazard.	do
Do	10	4121410N, 356380E	do	20 ft dia; 5 ft deep; dry; little hazard.	do
Do	11	4121335N, 356410E	1950-1973	50 ft dia; shallow depth; water-filled to within 3 ft of surface; moderate hazard.	Fencing
Do	12	4121275N, 356440E	Pre-1938	250 ft dia; 40 ft deep; dry - used for trash dump, especially along east side of Stateline Road.	Warning signs along road; fencing
Do	13	4121215N, 356470E	do	90 ft dia; 30 ft deep; dry; trash dump along Stateline Road on west side.	Warning signs; fencing
T. 32S., R. 25E., Sec. 35	1	4119795N, 354660E	Pre-1938	150 x 275 ft; 45 ft deep; moderate hazard; used as trash dump; some water at bottom.	Fencing
Do	2	4119550N, 354695E	do	200 ft dia; 35 ft deep; dry; in trees; moderate hazard.	do
Do	3	4119570N, 354610E	do	90 x 200 ft; 40 ft deep; water at bottom; in trees; moderate hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.32S., R.25E., Sec. 35	4	4119550N, 354530E	Pre-1938	100 ft dia; 40 ft deep; water to 20 ft from surface; moderate hazard.	Fencing
Do	5	4119495N, 354610E	do	120 x 300 ft; 20 ft deep; dry; in trees; moderate hazard.	do
Do	6	4119470N, 354565E	do	60 x 90 ft; 20 ft deep; dry; low hazard.	do
Do	7	4119370N, 354475E	do	40 ft dia; 10 ft deep; dry; low hazard.	None
Do	8	4119325N, 354480E	do	90 x 150 ft; shallow; dry; low hazard.	do
T.33S., R.25E., Sec. 2	1	4118540N, 354990E	Pre-1938	5 ft dia; 6 ft deep; water-filled; low hazard.	None
T.33S., R.25E., Sec. 13	1	4114190N, 355830E	Pre-1938	220 x 60 ft; 6 ft to water; near railroad track.	Fencing
Do	2	4114060N, 355760E	do	50 x 90 ft; 10 to 15 ft deep; just west of shaft; some water in bottom with some trees and trash; not espe- cially hazardous.	None
Do	3	4114015N, 355560E	do	15 to 20 ft dia; shallow, 5 to 6 ft; dry; no danger.	do
Do	4	4114010N, 355565E	do	do	do
Do	5	4114005N, 355570E	do	do	do
Do	6	4114010N, 355830E	do	180 x 260 ft; water at 5 ft; water-filled; fairly deep.	Fencing

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 33S., R. 25E., Sec. 15	1	4114880N, 352750E	Pre-1938	200 ft dia; 30 to 40 ft deep; dry; trees; low hazard.	None
Do	2	4114835N, 352840E	1950-1973	30 ft dia; shallow; water-filled; low hazard.	do
Do	3	4114645N, 352950E	Pre-1938	40 ft dia; 40 to 50 ft deep; dry; steep walls; high hazard.	Fencing
Do	4	4114625N, 352915E	1938-1973	do	do
Do	5	4114505N, 352850E	Pre-1938	160 ft dia; 40 ft deep; some water at bottom; ramp cut into southeast side; used to water cattle; moderate hazard.	do
T. 33S., R. 25E., Sec. 24	1	4113885N, 355630E	Pre-1938	Small, 25 ft dia; 10 to 15 ft deep; dry.	None
T. 34S., R. 24E., Sec. 26	1	4101395N, 344020E	Pre-1938	Small, 25 ft dia; 8 ft deep; dry dirt bottom; low hazard.	Filling
Do	2	4101370N, 344040E	do	90 ft dia; 15 to 20 ft deep; trash dump; flooded at times; low hazard.	do
Do	3	4101355N, 344070E	do	60 ft dia; 15 ft deep; dry; some trash; low hazard.	do
Do	4	4101370N, 343970E	do	20 ft dia; shallow; dry; low hazard.	do
Do	5	4101385N, 343915E	do	20 ft dia; shallow; contains oily water; low hazard.	do
Do	6	4101355N, 343920E	do	12 ft dia; 6 ft deep; dry; low hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 24E., Sec. 26	7	4101350N, 343935E	Pre-1938	50 ft dia; 15 ft deep; dry; near railroad tracks; low hazard.	Filling
Do	8	4101300N, 343960E	do	90 ft dia; 25 ft deep; dry; within 25 ft of railroad tracks; may endanger track in future; moderate hazard.	Filling for erosion abate- ment
T. 34S., R. 24E., Sec. 34	1	4101010N, 343420E	1938-1950	60 ft dia; 10 ft deep; water at bottom; low hazard.	None
Do	2	4100975N, 343450E	do	60 ft dia; 10 ft deep; some trees; low hazard.	Filling
Do	3	4100940N, 343450E	do	50 ft dia; 10 to 15 ft deep; grown-up in trees; some water in bottom; low hazard.	do
Do	4	4100655N, 343195E	Pre-1973	40 ft dia; 15 to 20 ft deep; dry; trees grow- ing; low hazard.	None
Do	5	4100640N, 343215E	1938-1950	40 ft dia; 15 to 20 ft deep; dry; trees in bottom; low hazard.	do
Do	6	4100670N, 343420E	do	10 ft dia; 5 ft deep; dry; filled with brush; low hazard.	do
Do	7	4100655N, 343510E	1981	30 ft dia; 30 ft to water; recent collapse under cottonwood tree; 12 ft trunk bridging hole; steep sides; high hazard; area is fenced.	Fencing

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 11	1	4106755N, 353925E	Pre-1938	70 ft dia; 10 ft deep; dry; shallow; low hazard.	Filling
Do	2	4106510N, 354090E	do	55 ft dia; water-filled; not more than 10 to 15 ft deep; low hazard.	Fencing
Do	3	4106475N, 354040E	do	120 ft dia; 15 to 20 ft deep; chat walls; dry; low hazard.	None
Do	4	4106425N, 354025E	do	160 ft dia; 10 to 15 ft deep; some water; low hazard.	do
Do	5	4106370N, 354360E	do	180 x 270 ft; 10 to 15 ft deep; dry; shallow; low hazard.	do
Do	6	4106315N, 354385E	do	130 ft dia; 10 to 15 ft deep; dry; shallow; low hazard.	do
Do	7	4106330N, 354330E	1938-1950	45 ft dia; 10 ft deep; dry; shallow; low hazard.	do
Do	8	4106315N, 354330E	Pre-1938	110 ft dia; 10 to 15 ft deep; dry; shallow; low hazard.	do
Do	9	4106300N, 354205E	Pre-1973	40 ft dia; 10 ft deep; low hazard.	do
Do	10	4106275N, 354195E	1938-1950	30 x 60 ft; 10 ft deep; dry; low hazard.	do
Do	11	4106275N, 354215E	do	40 ft dia; 10 ft deep; dry; low hazard.	do
Do	12	4106230N, 354200E	1938-1950	140 ft dia; 10 to 15 ft deep; water-filled when visited; low hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 11	13	4106195N, 354095E	Pre-1938	140 ft dia; 15 to 20 ft deep; some water; low hazard.	do
Do	14	4106200N, 354025E	do	60 ft dia; 5 ft deep; dry; shallow; low hazard.	do
Do	15	4106235N, 353890E	do	60 x 160 ft; 10 to 20 ft deep; water-filled; low hazard.	do
Do	16	4106140N, 353935E	do	200 ft dia; 30 to 40 ft deep; may be an open pit; partly water-filled; clear blue water; steep talus slopes; very close to major county road.	Guard rails; filling with surrounding material.
T.34S., R.25E., Sec. 12	1	4107065N, 355700E	Pre-1938	60 x 120 ft; 20 ft deep; dry; may not be due to collapse; some waste material nearby.	None
Do	2	4106330N, 355660E	do	200 ft dia; 30 ft deep; water at bottom; partly water-filled; partial chat pile to north.	Fencing
T.34S., R.25E., Sec. 13	1	4104895N, 355045E	Pre-1938	60 ft dia; 10 to 20 ft deep; steep on east and south sides; opens underground on east side; moderately high hazard.	Filling
Do	2	4104825N, 355110E	do	70 ft dia; 10 ft deep; dry; shallow; some junk; low hazard.	None

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., Sec. 13	3	4104805N, 355105E	Pre-1938	40 ft dia; 5 to 10 ft deep; dry; shallow; low hazard.	None
Do	4	4104810N, 355065E	do	150 x 200 ft; 30 ft deep; dry; talus slopes; low hazard.	do
Do	5	4104825N, 355025E	do	50 ft dia; 10 ft deep; dry; shallow; low hazard.	do
Do	6	4104810N, 355005E	do	100 x 150 ft; 30 ft deep; dry; talus slopes; low hazard.	do
Do	7	4104780N, 355015E	do	90 ft dia; 10 to 15 ft deep; dry; talus slopes; low hazard.	do
Do	8	4104770N, 355045E	do	60 ft dia; 10 to 15 ft deep; shallow; talus slope; low hazard.	do
Do	9	4104770N, 355120E	do	200 x 150 ft; 30 ft deep; dry; steep on southeast side; moderate hazard.	Filling
Do	10	4104775N, 355180E	do	150 x 90 ft; 10 to 20 ft deep; part-filled with chat; open to under-ground on south side; moderate hazard.	do
Do	11	4104705N, 355145E	do	90 x 180 ft; 40 ft deep; open to underground on east side; drifts in walls on north side; dry; steep slopes; moderate-high hazard.	Fencing
Do	12	4104675N, 355065E	do	30 x 90 ft; 10 ft deep; dry; shallow; low hazard.	None

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., Sec. 13	13	4104670N, 355010E	Pre-1938	40 x 180 ft; 20 to 30 ft deep; east end active caving; steep on low end; moderate hazard.	Fencing
Do	14	4104700N, 355300E	Pre-1950	60 x 40 ft, 40 ft to water; opens underground on north side with drift to east; partly water-filled; deep; steep sides; high hazard.	Filling--near- by chat pile
Do	15	4104690N, 355330E	do	25 ft dia; 15 to 20 ft deep; opens underground on south side; roof 10 ft thick; north of chat pile; moderate to high hazard.	Filling
Do	16	4104700N, 355350E	do	20 x 25 ft; 6 ft deep; dry; shallow; low hazard.	None
Do	17	4104700N, 355460E	do	25 x 40 ft; 5 to 10 ft deep; dry; shallow; low hazard.	do
Do	18	4104705N, 355520E	do	50 x 90 ft; 10 to 15 ft deep; dry; shallow; low hazard.	do
Do	19	4104670N, 355515E	do	80 x 110 ft; 15 to 20 ft deep; opens underground north side; roof 10 to 15 ft thick; dry; some steep slopes; moderate to high hazard.	Fencing; filling
Do	20	4104565N, 355460E	Pre-1938	400 x 220 ft; 20 to 30 ft to water; partly filled by water (depth ?); high hazard.	None

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 13	21	4104745N, 355600E	Pre-1950	50 ft dia; 10 ft deep; dry; shallow; low hazard.	None
Do	22	4104775N, 355625E	do	100 ft dia; 10 ft deep; dry; shallow; low hazard.	do
Do	23	4104765N, 355655E	do	80 ft dia; 10 to 15 ft deep; dry; shallow; some trash.	do
Do	24	4104740W, 355625E	do	50 ft dia; 10 ft deep; dry shallow; low hazard.	do
Do	25	4104660N, 355720E	do	90 ft dia; 10 to 15 ft deep; dry; shallow; low hazard.	do
Do	26	4104625N, 355775E	do	90 ft dia; 10 to 15 ft deep; dry; shallow; low hazard.	do
Do	27	4104600N, 355795E	do	50 ft dia; 5 to 10 ft deep; dry; shallow; low hazard.	do
Do	28	4104570N, 355810E	do	130 x 60 ft; 5 to 10 ft deep; dry; shallow; low hazard.	do
Do	29	4104600N, 355735E	do	60 ft dia; 5 ft deep; dry; shallow; low hazard.	do
Do	30	4104550N, 355670E	do	40 ft dia; 10 ft deep; dry; shallow; low hazard.	do
Do	31	4104520N, 355685E	do	60 x 100 ft; 10 to 15 ft deep; shallow; low hazard.	do
Do	32	4104370N, 355625E	Pre-1938	100 ft dia; partly water- filled at 15 ft; possibly 10 ft deeper; moderate hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 14	1	4105645N, 353545E	Pre-1938	50 ft dia; 20 ft deep; dry; some trash; low hazard; fenced off.	None
Do	2	4105490N, 353485E	do	150 ft dia; 20 ft deep; dry; contains chat and rubble; low hazard.	do
Do	3	4105540N, 353705E	do	200 x 160 ft; 15 to 20 ft deep; dry; contains chat and some trash; low hazard.	do
Do	4	4105570N, 354010E	do	120 x 180 ft; 25 ft deep; dry; partly chat- and rubble-filled; near two city streets; moderate hazard.	Fencing or bar- ricades
Do	5	4105045N, 353710E	do	270 x 150 ft; water- filled 25 to 30 ft deep; blue-clear bottom vis- ible; steep rocky sides; moderate hazard.	Filling with nearby material
Do	6	4105040N, 353785E	do	60 ft dia; 10 to 15 ft deep; enters underground on north side; mostly dry; moderate hazard.	Filling
Do	7	4105010N, 353760E	do	50 x 70 ft; about 20 ft deep; mostly water- filled; green-murky; bottom not visible; moderate hazard.	do
Do	8	4105005N, 353805E	do	120 ft dia; about 25 to 30 ft deep; water-filled; green-murky; steep sides; moderate hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 14	9	4104970N, 354010E	Pre-1938	50 ft dia; 15 ft deep; some water at bottom; some trash; low hazard.	Filling
Do	10	4104985N, 354160E	do	300 x 150 ft; 15 to 20 ft to water; water depth (?) about 20 to 30 ft deep; steep, rocky sides; near railroad; moderate haz- ard.	Fill or fence
Do	11	4104945N, 354125E	do	50 ft dia; 10 ft deep; dry; rubble slopes; low hazard.	None
Do	12	4104940N, 354170E	do	90 ft dia; 10 to 20 ft deep; dry; rubble slopes; low hazard.	do
Do	13	4104850N, 354030E	do	40 ft dia; 10 ft deep; connects with #14 via arch; dry; moderate hazard; near railroad.	Filling
Do	14	4104820N, 354025E	do	50 ft dia; 10 ft deep; connects with #13 via arch; dry; rubble slopes; moderate hazard.	do
Do	15	4104805N, 354010E	do	100 x 60 ft; 10 ft deep; enters underground on east side; dry; chat slopes; moderate hazard.	do
Do	16	4104775N, 354015E	do	70 x 90 ft; 20 ft deep; enters underground on east side; dry; some steep sides; moderate- high hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., Sec. 14	17	4104790N, 353955E	Pre-1938	50 x 30 ft; 5 to 10 ft deep; dry; occurs in chat; low hazard.	Observation; filling
Do	18	4104825N, 353830E	do	40 ft dia; 10 to 15 ft deep; water at bottom; chat-rubble slopes; low hazard; near railroad.	Filling
Do	19	4104875N, 353775E	do	25 ft dia; about 20 ft deep; water-filled, moderate hazard.	do
Do	20	4104890N, 353675E	do	35 ft dia; about 20 ft deep (?); water-filled; green and murky; moderate hazard.	do
Do	21	4104935N, 353550E	do	50 x 100 ft; 15 to 20 ft deep; water-filled; opens underground on west side; steep sides; moderate hazard.	do
Do	22	4104880N, 353520E	do	60 ft dia; 20 to 30 ft deep; enters underground on northwest side; water at bottom; steep sides; moderate-high hazard; near railroad.	Fencing; filling
Do	23	4104765N, 353780E	do	60 x 180 ft; 20 ft deep; partly water-filled; some steep slopes; moderate hazard.	Filling
Do	24	4104625N, 353960E	do	250 x 160 ft; 40 to 50 ft deep; partly water-filled - clear blue; some trash; steep sides; moderate-high hazard.	Fencing

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., Sec. 14	25	4104590N, 353805E	Pre-1938	100 ft dia; 15 to 20 ft deep; dry; chat slopes; shallow; low hazard.	None
Do	26	4104370N, 353795E	do	100 x 60 ft; 20 ft deep; some water; trash; opens underground on north side; overhang; near Sonic Drive-In; moderate-high hazard.	Fencing; filling
Do	27	4104410N, 354130E	do	80 x 110 ft; 20 to 30 ft deep; "Pigeon Hole" enters underground on northeast and east side; water in bottom; collapse in process of being filled with trash by city; moderate-high hazard.	do
Do	28	4104735N, 354405E	do	50 ft dia; 15 ft deep; trash-filled; dry; close to houses; low hazard.	Filling
Do	29	4104725N, 354450E	do	50 x 80 ft; 15 ft deep; dry; some trees; close to houses; low hazard.	do
Do	30	4104565N, 354590E	do	60 ft dia; 10 to 15 ft deep; dry; talus slopes; shallow; low hazard.	do
Do	31	4104530N, 354585E	do	100 x 150 ft; 50 to 60 ft deep; dry; steep slopes; close to houses and street; high hazard.	Guard rails; fencing; filling

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., Sec. 14	32	4104555N, 354625E	Pre-1938	60 ft dia; 10 ft deep; dry; chat slopes; low hazard.	Filling
Do	33	4104525N, 354635E	do	225 ft dia; 50 to 60 ft deep; dry; steep slopes; adjacent to 4th Street in Galena; high hazard.	Guard rails; fencing; fil- ling
Do	34	4104575N, 354645E	do	60 ft dia; 10 ft deep; in chat pile; low hazard.	Observation; filling
Do	35	4104610N, 354670E	do	40 ft dia; 5 to 10 ft deep; dry; in chat; low hazard.	do
Do	36	4104645N, 354610E	do	40 ft dia; 10 ft deep; dry; chat slopes; low hazard.	Filling
Do	37	4104670N, 354630E	do	60 x 300 ft; 20 ft deep; dry; enters underground on east end; rubble slopes; steep east end; moderate hazard.	do
Do	38	4104670N, 354540E	do	60 ft dia; 10 ft deep; dry; shallow; low hazard.	do
Do	39	4104695N, 354570E	do	200 x 100 ft; 10 to 15 ft deep; dry; shallow; low hazard.	do
Do	40	4104720N, 354555E	do	60 ft dia; 10 ft deep; dry; shallow; low haz- ard.	None
Do	41	4104725N, 354520E	Pre-1973	30 x 40 ft; 10 ft deep; dry; shallow; low haz- ard.	do
Do	42	4104750N, 354565E	Pre-1938	60 ft dia; 10 ft deep; dry; shallow; low haz- ard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 14	43	4104730N, 354585E	Pre-1938	90 x 150 ft; 10 to 15 ft deep; dry; shallow; low hazard.	None
Do	44	4104710N, 354620E	do	60 ft dia; 10 ft deep; dry; shallow; low hazard.	do
Do	45	4104745N, 354660E	do	40 ft dia; 5 ft deep; dry; shallow; low hazard.	do
Do	46	4104770N, 354645E	do	100 ft dia; 10 to 15 ft deep; dry; shallow; low hazard.	do
Do	47	4104775N, 354605E	do	60 x 100 ft; 10 ft deep; dry; shallow; low hazard.	do
Do	48	4104755N, 354585E	do	20 ft dia; 5 ft deep; dry; shallow; low hazard.	do
Do	49	4104815N, 354580E	do	40 x 80 ft; 10 ft deep; dry; shallow; trash; low hazard.	do
Do	50	4104830N, 354555E	do	60 ft dia; 10 ft deep; dry; shallow; low hazard.	do
Do	51	4104885N, 354670E	do	50 x 100 ft; 50 to 60 ft deep; enters underground on south side; 30 ft ceiling; dry; steep rocky sides; high hazard.	Fencing; filling
Do	52	4104900N, 354610E	do	30 ft dia; 20 ft deep; enters underground on west side; dry; steep sides; high hazard.	None
Do	53	4104940N, 354615E	do	60 x 110 ft; 5 to 10 ft deep; dry; shallow; low hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 14	54	4104970N, 354640E	Pre-1938	40 x 90 ft; 20 ft deep; enters underground on east side; dry; moderate hazard.	Filling
Do	55	4104970N, 354610E	1938-1950	30 ft dia; 5 ft deep; dry; shallow; low hazard.	None
Do	56	4104980N, 354600E	do	do	do
Do	57	4104995N, 354640E	Pre-1938	60 x 150 ft; 20 ft deep; dry; some steep sides; moderate hazard.	Fencing; filling
Do	58	4104980N, 354690E	do	50 ft dia; 20 ft deep; dry; some steep slopes; moderate hazard.	Filling
Do	59	4104980N, 354735E	do	40 x 50 ft; 15 ft deep; dry; some steep slopes; low-moderate hazard.	do
Do	60	4104920N, 354790E	do	30 x 90 ft; 5 to 10 ft deep; dry; trash; low hazard.	None
Do	61	4104920N, 354850E	do	40 x 90 ft; 20 ft deep; dry; some steep slopes; moderate hazard.	Filling
Do	62	4104955N, 354945E	do	60 x 110 ft; 20 to 25 ft deep; dry; talus slopes; low hazard.	None
Do	63	4104910N, 354940E	do	50 x 100 ft; 10 to 15 ft deep; dry; shallow; low hazard.	do
Do	64	4104880N, 354950E	do	90 ft dia; 10 to 15 ft deep; dry; shallow; low hazard.	do
Do	65	4104875N, 354975E	do	60 ft dia; 10 to 15 ft deep; dry; shallow; low hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 14	66	4104845N, 354960E	Pre-1938	120 x 280 ft; 25 to 30 ft deep; dry; talus slopes; low-moderate hazard.	Filling
Do	67	4104870N, 354900E	do	100 x 150 ft; 30 ft deep; dry; opens underground at north and south end; moderate-high hazard.	do
Do	68	4104785N, 354915E	do	350 x 120 ft; 50 ft deep; some steep slopes; some talus slopes; dry; moderate-high hazard.	Fencing; filling
Do	69	4104765N, 354775E	do	70 ft dia; 15 to 20 ft deep; talus sides; low hazard; dry.	None
Do	70	4104700N, 354740E	1938-1950	60 x 100 ft; 20 ft deep; enters underground on west side; dry; chat-filled; some steep slopes; moderate hazard.	Filling
Do	71	4104735N, 354825E	Pre-1938	100 x 300 ft; 50 ft deep; dry; talus slopes; some steep slopes; moderate hazard.	Fencing; filling
Do	72	4104740N, 354920E	do	90 x 50 ft; dry; some steep slopes; moderate hazard.	Filling
Do	73	4104720N, 354990E	do	80 x 100 ft; 30 ft deep; dry; steep sides; undercut on northeast side; high hazard.	do
Do	74	4104700N, 354945E	do	100 x 60 ft; 30 ft deep; dry; steep sides; moderate-high hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., Sec. 14	75	4104680N, 354970E	Pre-1938	40 x 90 ft; 20 ft deep; arch connection to col- lapse on northeast side; dry; steep slopes; mod- erate hazard.	Filling
Do	76	4104665N, 354980E	do	40 x 60 ft; 20 ft deep; dry; some steep slopes; moderate hazard.	do
Do	77	4104650N, 354945E	do	90 ft dia; 20 ft deep; enters underground on north side; chat slopes; some steep slopes; mod- erate hazard.	do
Do	78	4104635N, 354910E	do	130 x 60 ft; 20 to 25 ft deep; dry; chat slope; some steep rocky recent caving; moderate-high hazard.	do
Do	79	4104364N, 354136E	1981	Small collapse northeast of City Hall along en- trance road in Galena; currently filled.	None
Do	80	4104303N, 354045E	do	Small collapse near Galena fire station entrance; currently filled.	do
T. 34S., R. 25E., Sec. 15	1	4105800N, 352535E	1938-1950	25 x 80 ft; 20 ft deep; may be open pit; water- filled; adjacent to road and railroad; moderate hazard.	Guard rails or filling
Do	2	4105775N, 352510E	1950-1973	100 x 100 ft; 30 to 40 ft deep; may be open pit; water-filled; adjacent to road; moderate hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 15	3	4105400N, 352710E	Pre-1938	90 ft dia; water within 10 ft of surface; moderate hazard.	Filling
Do	4	4105310N, 352685E	do	60 ft dia; 100 ft deep; dry; low hazard.	None
Do	5	4105260N, 352430E	1938-1950	20 x 100 ft; 10 ft deep; dry; shallow; low hazard.	do
Do	6	4105265N, 352590E	Pre-1938	50 ft dia; 20 ft deep; dry; low hazard.	do
Do	7	4105245N, 352575E	1938-1950	50 ft dia; 15 ft deep; dry; low hazard.	do
Do	8	4105220N, 352585E	do	70 ft dia; 10 to 15 ft deep; dry; low hazard.	do
Do	9	4105210N, 352555E	do	70 ft dia; 25 ft deep; low hazard.	do
Do	10	4105080N, 352570E	do	70 ft dia; 10 to 15 ft deep; dry; low hazard.	do
Do	11	4105020N, 353285E	Pre-1938	160 x 180 ft; water about 30 ft deep; water near top; (depth ?); moderate hazard.	Filling
T.34S., R.25E., Sec. 22	1	4103515N, 353225E	Pre-1938	160 ft dia; 20 ft deep; dry; low hazard.	Filling
Do	2	4103420N, 353235E	do	60 ft dia; 15 to 20 ft deep; water-filled; low-moderate hazard.	do
Do	3	4103340N, 352875E	do	150 x 300 ft; 30 ft deep; dry; used for trash dump; moderate hazard.	Fencing; filling
Do	4	4103400N, 352880E	do	90 ft dia; 20 ft deep; dry; cone-shaped; high hazard.	Covering; filling

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., Sec. 22	5	4103425N, 352860E	Pre-1938	90 x 180 ft; 30 ft deep; dry; talus sides; moderate hazard.	Filling
Do	6	4103430N, 352745E	do	150 ft dia; 15 to 20 ft deep; dry; chat; talus sides; low hazard.	do
Do	7	4103450N, 352705E	do	250 ft dia; 30 ft deep; opens to underground on west side; dry; talus slopes; moderate hazard.	do
Do	8	4103495N, 352625E	do	160 x 180 ft; 20 ft deep; dry to muddy bottom; talus slopes; low hazard.	do
Do	9	4103425N, 352625E	do	100 x 120 ft; 20 ft deep; dry; talus slopes; low hazard.	do
Do	10	4103355N, 352540E	Pre-1950	200 ft dia; 15 to 20 ft deep; some water at bottom; ditch flows in from east--may act as swallow hole; moderate hazard.	do
Do	11	4103135N, 352670E	Pre-1938	130 x 200 ft; 20 ft deep; dry; rubble and chat at bottom; low hazard.	do
Do	12	4103050N, 352825E	do	200 x 350 ft; 30 ft deep; contains collapsed shaft on north side that is 20 ft deeper; dry; talus slopes; high hazard.	Plugging and filling
Do	13	4103050N, 352705E	do	150 x 275 ft; 30 ft deep; dry; talus slopes; some trash; low hazard.	Filling

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 22	14	4103050N, 352430E	Pre-1950	200 ft dia; 10 ft deep;	Filling
Do	15	4102945N, 352425E	Pre-1950	dry; shallow; low hazard. 130 ft dia; 10 ft deep;	do
Do	16	4102945N, 352480E	do	dry; shallow; low hazard. 100 x 250 ft; 10 ft deep;	do
Do	17	4102950N, 352540E	do	dry; shallow; low hazard. 90 x 130 ft; 10 ft deep;	do
Do	18	4102940N, 352585E	Pre-1938	dry; shallow; low hazard. 200 ft dia; 40 ft deep; water at bottom; talus slopes west, north and east; rock cliff on south side; moderate hazard.	Fencing or fil- ling
Do	19	4102950N, 352650E	do	60 ft dia; 10 ft deep; dry; trash dump; low haz- ard.	Filling
Do	20	4102955N, 352685E	do	do	do
Do	21	4102685N, 352560E	Pre-1950	20 ft dia; less than 10 ft deep; dry; low hazard.	do
Do	22	4103100N, 353340E	Pre-1938	225 x 90 ft; 20 ft deep; dry; trash; close to road on east side; moderate hazard.	Guard rails; filling
Do	23	4103085N, 353315E	do	90 ft dia; 10 ft deep; dry; shallow; low hazard.	Filling
Do	24	4103020N, 353350E	do	200 x 270 ft; 25 ft deep; dry; talus slopes; moder- ate hazard.	do
Do	25	4102945N, 353355E	do	180 x 270 ft; 30 ft deep; dry; talus slopes; some trash; close to road on southeast side; moderate hazard.	Guard rails; filling

TABLE C-2. - Subsidence Events-Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., Sec. 22	26	4102890N, 353340E	Pre-1938	180 ft dia; 40 ft deep; opens to underground on south side; 20 to 30 ft ceiling; dry; steep sides; close to road on southeast side; high hazard.	Guard rails; filling
Do	27	4102885N, 353280E	1938-1950	100 x 150 ft; 20 ft deep; much talus; slight underground opening on side; moderate hazard.	Filling
Do	28	4102835N, 353280E	Pre-1938	100 x 200 ft; 25 ft deep; talus slopes; opens to underground on south side; steep on south side; moderate hazard.	do
T. 34S., R. 25E., Sec. 23	1	4103645N, 354400E	Pre-1938	170 x 270 ft; about 60 ft deep; 30 ft deep to water; no protection; talus and steep slopes; adjacent to homes on west and north; moderate-high hazard.	Filling or fencing
Do	2	4103655N, 354360E	do	40 ft across; 20 ft deep; dry; shallow; some junk; low hazard.	Filling
Do	3	4103690N, 354355E	Pre-1950	40 ft dia; 20 ft deep; dry; junk-filled; low hazard.	do
Do	4	4103735N, 354515E	Pre-1938	100 ft dia; 30 ft deep; dry; brush and talus; close to homes on west and north; low-moderate hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 23	5	4103755N, 354525E	1938-1950	40 ft dia; 15 ft deep; dry; conical; low hazard.	Filling
Do	6	4103795N, 354530E	do	50 ft dia; 25 ft deep; conical; dry; low hazard.	do
Do	7	4103790N, 354705E	Pre-1938	80 ft dia; 10 to 15 ft deep; dry; shallow; low hazard.	do
Do	8	4103770N, 354605E	do	40 ft. dia; 10 ft deep; dry; shallow; low hazard.	do
Do	9	4103705N, 354655E	do	100 ft dia; clear blue water 30 to 40 ft deep in part of hole - acts as swallow hole; moderate hazard.	do
Do	10	4103690N, 354695E	do	60 x 100 ft; filled with blue water about 30 to 40 ft deep; steep rocky sides; high hazard.	Fencing; filling
Do	11	4103705N, 354740E	do	60 x 100 ft; 15 to 20 ft deep; some water at bottom; not deep; rocky cliffs; moderate hazard.	Filling
Do	12	4103640N, 354685E	do	250 x 300 ft; deep; "Blue Hole"; mostly filled with water - depth estimated at 50 ft; steep sides; high hazard.	Fencing; filling
Do	13	4103550N, 353775E	do	150 x 200 ft; 40 ft deep; dry; talus slopes; moderate hazard.	Filling
Do	14	4103550N, 353700E	do	200 x 250 ft; 80 ft deep; dry; talus slopes; moderate hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 23	15	4103510N, 353680E	Pre-1938	90 ft dia; 30 ft deep; dry; talus slopes; low hazard.	Filling
Do	16	4103540N, 353615E	do	90 ft dia; 15 ft deep; chat slopes; conical; dry; low hazard.	do
Do	17	4103495N, 353615E	do	200 x 300 ft; 30 ft deep; dry; talus slopes; some junk; low hazard.	do
Do	18	4103460N, 353710E	do	200 x 300 ft; 40 ft deep; dry; chat; talus slopes; moderate hazard.	do
Do	19	4103390N, 353740E	do	60 x 120 ft; 25 to 30 ft deep; dry; talus slopes; some junk; low hazard.	do
Do	20	4103375N, 353730E	do	50 ft dia; 15 ft deep; dry; conical; low hazard.	do
Do	21	4103370N, 353695E	do	200 ft dia; 25 to 30 ft deep; dry; talus slopes; low hazard.	do
Do	22	4103335N, 353670E	1938-1950	110 x 130 ft; 20 ft deep; dry; chat slopes; low hazard.	do
Do	23	4103330N, 353615E	Pre-1938	100 x 150 ft; 30 ft deep; enters mine on south side; (ceiling 20 ft thick); dry; chat slope on north; steep and rocky on south; moderate-high hazard.	Fencing; filling
Do	24	4103350N, 353565E	do	30 ft dia; 10 ft deep; dry; shallow; low hazard.	Filling
Do	25	4103335N, 353555E	do	60 ft dia; 10 ft deep; dry; shallow; low hazard.	

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 23	26	4103370N, 353550E	Pre-1938	40 ft dia; 5 ft deep; shallow; low hazard.	Filling
Do	27	4103345N, 353505E	Pre-1950; Pre-1981	50 x 100 ft; 20 ft deep; filled after 1950, then collapsed again; dry; some junk; low hazard.	do
Do	28	4103415N, 353510E	Pre-1950	60 ft dia; 10 ft deep; wet bottom; shallow; low hazard.	do
Do	29	4103405N, 353485E	1938-1950	50 ft dia; 10 ft deep; dry; conical; talus slopes; low hazard.	do
Do	30	4103395N, 353460E	Pre-1950	60 ft dia; 10 ft deep; dry; conical; talus slopes; low hazard.	do
Do	31	4103055N, 353365E	Pre-1938	40 ft dia; 5 ft deep; dry; low hazard.	do
Do	32	4102985N, 353360E	do	40 ft dia; 30 ft deep; dry; steep sides; moderate hazard.	do
Do	33	4102850N, 353385E	1938-1950	30 ft dia; 6 ft deep; junk-filled; close to road; moderate-low hazard.	Filling; guard rails
T.34S., R.25E., Sec. 27	1	4102590N, 352530E	Pre-1950	60 ft dia; 10 to 15 ft deep; dry; some trash; shallow; low hazard.	Filling
Do	2	4102475N, 352910E	Pre-1938	20 ft dia; 10 ft deep; dry; talus; conical; low hazard.	do
Do	3	4102450N, 352915E	do	25 ft dia; 10 to 15 ft deep; dry; conical; low hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., Sec. 27	4	4102290N, 353255E	Pre-1938	90 ft dia; 20 ft to water; steep sides; enters underground on south side; high hazard.	Fencing; or filling
Do	5	4102000N, 352785E	do	60 x 120 ft; 20 ft deep; partly filled with talus; opens to underground on northeast side; moderate-high hazard.	Filling
Do	6	4102180N, 352475E	Pre-1950	100 ft dia; 35 ft deep; dry; chat sides; moderate hazard.	do
Do	7	4102205N, 352460E	do	50 ft dia; 10 ft deep; dry; shallow; low hazard.	do
Do	8	4102215N, 352420E	do	30 x 40 ft; 10 ft deep; dry; some trash; low hazard.	do
Do	9	4102075N, 352270E	Pre-1938	140 x 160 ft; 15 ft deep; water at bottom; acts as swallow hole for creek flowing in from west; low hazard.	do
T.35S., R.23E., Sec. 2	1	4098210N, 334940E	1950-1973	220 x 430 ft; 50 to 60 ft deep; water at northeast and southwest end; water-fall north side close to road--occurs along course of Tar Creek; moderate-high hazard.	Fencing
T.35S., R.23E., Sec. 10	1	4097430N, 333390E	1938-1950	Small old drill hole; probably 4 ft dia; shallow; dry; low hazard.	Filling

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 23E., Sec. 10	2	4097410N, 333390E	1938-1950	Small drill hole; 4 ft dia; dry; shallow; low hazard.	Filling
Do	3	4097400N, 333660E	Pre-1950	20 ft dia; shallow; water-filled; low hazard.	do
T. 35S., R. 23E., Sec. 11	1	4098070N, 334280E	1950-1973	15 ft dia; shallow; water-filled; low hazard.	Filling
Do	2	4097450N, 335260E	do	180 ft dia; 40 ft to water; appears deeper; steep, vertical walls; high hazard.	Fencing
Do	3	4097390N, 335175E	Pre-1950	25 ft dia; shallow; sloping sides; water-filled; low hazard.	Fencing
T. 35S., R. 23E., Sec. 12	1	4097340N, 336720E	1950-1973	60 ft dia; approx. 50 ft deep; steep-walled; water-filled; high hazard.	Fencing
Do	2	4097300N, 336580E	1938-1950	200 x 150 ft; shallow; not especially hazardous at present; actually is 3 coalesced subsidences; water-filled; low hazard.	Should be watched for further subsidence
Do	3	4097235N, 336610E	1950-1973	30 ft dia; 15 ft deep; just north of collapsed shaft; dry; moderate hazard.	Fencing
T. 35S., R. 23E., Sec. 13	1	4096435N, 336310E	1938-1950	40 ft dia; 10 ft deep; trash and some water; low hazard.	Filling

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 23E., Sec. 13	2	4096425N, 336335E	Pre-1938	50 ft dia; 15 ft deep; contains trash and some water; moderate hazard.	Filling
Do	3	4096410N, 336295E	1951-1973	30 ft dia; less than 10 ft deep; contains trash; occasional water; low hazard.	do
Do	4	4096145N, 336880E	1938-1950	140 ft dia; 60 ft to water; no protection; close to State Line Road; surrounded by trees and high grass; floating trash; high hazard.	Fencing
T. 35S., R. 24E., Sec. 2	1	4099360N, 343660E	do	200 ft dia; 60 ft deep; some water at bottom; 200 ft from highway; moderate-high hazard.	do
do	2	4099320N, 344530E	Pre-1938	20 ft dia; 10 ft deep; small; in trees; low hazard.	None
Do	3	4098560N, 343830E	do	60 x 120 ft; 30 ft deep; used as landfill; mostly filled with chat and trash; originally larger; low hazard.	Continue filling; restricted development
T. 35S., R. 24E., Sec. 3	1	4098410N, 343080E	1938-1950	6 ft dia; shallow; water-filled; low hazard.	None
Do	2	4098400N, 343060E	do	6 ft dia; shallow; water-filled; low hazard.	do
Do	3	4098185N, 343525E	do	15 ft dia; 6 ft deep; water-filled; low hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 24E., Sec. 7	1	4096650N, 337175E	1950-1973	150 x 300 ft; 60 ft deep; fenced off; some water at bottom; still caving along sides--will get larger; moderate hazard.	Fencing--fences may have to be moved out
Do	2	4096605N, 337235E	do	60 ft dia; shallow; along old mine road; water-filled; low hazard.	Observation
Do	3	4096585N, 337210E	do	20 ft dia; 10 ft deep; along old mine road; water-filled; low hazard.	Fencing
T. 35S., R. 24E., Sec. 10	1	4096780N, 342520E	Pre-1938	300 ft dia; 80 to 100 ft deep; steep rocky sides; area fenced; brown water at bottom; depth varies; high hazard.	Fencing
Do	2	4096775N, 342335E	Pre-1973	One of 7 small collapses 5-25 ft in dia and less than 10 ft deep in center of SW 1/4; most are water-filled close to the surface; low hazard.	Not especially dangerous, but should be watched
Do	3	4096735N, 342315E	do	do	do
Do	4	4096740N, 342335E	do	do	do
Do	5	4096740N, 342350E	do	do	do
Do	6	4096690N, 342320E	do	do	do
Do	7	4096690N, 342310E	do	do	do
Do	8	4096800N, 342290E	do	do	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.35S., R.24E., Sec. 10	9	4096700N, 342610E	1938-1950	170 x 300 ft; about 40 ft deep; just north of larger collapse; in fenced and posted area; no protection; sometimes holds water; moderate hazard.	Fencing
Do	10	4096620N, 342600E	1938-1950	450 x 650 ft; 100 ft deep; steep-walled; rocky; largest in district; some water at bottom; varies in depth and color--red-brown to yellow; some drifts visible in walls; high hazard.	Fencing
Do	11	4096650N, 342730E	do	40 ft dia; (depth ?) filled with brush; low hazard.	Filling
T.35S., R.24E., Sec. 11	1	4097700N, 344530E	Pre-1938	130 x 350 ft; 80 ft deep; some water at bottom; may connect to mine on north-east side; trees growing at bottom on east side; area fenced; collapse not fenced; high hazard.	Fencing
Do	2	4097575N, 344580E	do	200 x 250 ft; 30 ft to water; 60 to 80 ft deep; stocked with carp; high hazard.	do

TABLE C-2. - Subsidence Events--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Date of Subsidence	Size and Present Condition	Suggested Remedial Action
T.35S., R.24E., Sec. 11	3	4097065N, 344900E	1950-1973	15 ft dia; less than 10 ft deep; small, shallow; dry; may not be mine collapse--could be mine prospect; low hazard.	None
T.35S., R.24E., Sec. 12	1	4096330N, 345720E	Pre-1938	40 ft dia; 15 ft deep; junk-filled; low hazard.	Filling

TABLE C-3. - Chat Piles and Tailings Ponds

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.32S., R.25E., sec.24	1	4123050N, 356000E	Grasselli Mine No.1	Tailings pond, area 5.2 acres, embankments are breached; drains into surface collapse on west side; susceptible to wind erosion.	Revegetation
Do	2	4122440N, 355900E	High Five Land	Tailings pond, area 9 acres, embankments are breached; dry; possible air polluter; some run- off enters tributary of Cow Creek.	do
Do	3	4122400N, 356240E	Butte-Kan- sas Mine	Low chat pile, 300 ft dia, 80 ft high.	Reclamation - use to fill nearby hazards Revegetation
T.32S., R.25E., sec.25	4	4121450N, 355870E	Hurlbut Acme No.2 Mine	Tailings pond, area 15 acres, runoff may reach tributary of Cow Creek; possible air polluter.	
T.33S., R.25E., sec.23	1	4113520N, 355110E	Badger Mine	Chat Pile; 250 x 120 ft; contains boulders; 30 ft high.	Reclamation
T.34S., R.24E., sec.33	1	4100110N, 340890E	Paxson Mine	Tailings pond, area 7.2 acres, embankments mostly intact; partially filled with mineralized iron- stained water.	Reclamation
Do	2	4100000N, 341165E	Paxson Mine and Swalley Mine	Tailings pond, area 5.7 acres; embankment mostly intact; partially filled with mineralized iron- stained water.	do

¹ (UTM) Universal Transverse Mercator

TABLE C-3. - Chat Piles and Tailings Ponds--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.24E., sec.35	3	4100300N, 343680E	Stoskopf Mine	Tailings pond, area 1.8 acres; still in use in chat reclaiming operation using mine water to wash and sort chat; contains iron-stained tail water. Irregular-shaped remnants of chat pile being actively reclaimed.	None
Do	4	4100130N, 343770E	Brewster Mine	Chat pile, 150 ft dia; 20 ft high; partially reclaimed.	do
T.34S., R.25E., sec.12	1	4106975N, 355790E	Buckeye Mine	Chat pile, 150 x 250 ft; on a hillside; up to 20 ft high.	Reclamation
Do	2	4106450N, 355720E	?	Tailings pond, area 0.9 acres; low embankment; contains small amount of water; no hazard to downstream areas.	Reclamation
T.34S., R.25E., sec.11	3	4106430N, 354470E	do	Chat pile, irregularly shaped; mostly reclaimed. Chat pile, about 400 ft dia; 10-15 ft high; has been leveled off during reclamation.	None
Do	4	4106460N, 354300E	Empire Mine	Chat pile, 90 x 220 ft; contains some coarse material; partially vegetated.	Reclamation
Do	5	4106250N, 353940E	do		do
Do	6	4106180N, 353915E	do		Use to fill adjacent open pit

TABLE C-3. - Chat Piles and Tailings Ponds--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 11	7	4106100N, 353900E	Empire Mine	Chat pile, 130 x 360 ft; contains some coarse material; partially vegetated.	Use to fill adjacent open pit
T. 34S., R. 25E., sec. 13	8	4105600N, 356160E	Merchants Mining Co.	Chat pile, 150 ft dia; 20-30 ft high; partially reclaimed on NE side.	Reclamation or shaft filling
T. 34S., R. 25E., sec. 14	9	4105650N, 354500E	Elenita Zinc Co.	Chat pile, 180 ft dia; on hillside; variable height.	Reclamation
T. 34S., R. 25E., sec. 15	10	4105660N, 352640E	Henry Weyman Bonanza Mining Co.	Chat pile, 300 ft dia; 40 ft high; partially reclaimed on N side.	do
Do	11	4105510N, 352670E	do	Chat pile, 90 ft dia; next to Short Creek.	do
Do	12	4105490N, 353340E	do	Chat pile, 300 x 450 ft; 20 ft high.	do
Do	13	4105340N, 352950E	do	Chat and boulder pile; irregular shape, surrounds open pit.	Use to fill pit or nearby shafts
Do	14	4105130N, 352540E	do	Chat pile, 100 ft dia; 20 ft high; mostly reclaimed.	Reclamation
Do	15	4105110N, 353090E	do	Chat pile, 180 ft dia; 30 ft high.	do
Do	16	4105050N, 353140E	do	Chat pile, 150 ft dia; partially reclaimed.	do
Do	17	4104980N, 353090E	do	Chat pile, 60 x 150 ft; mostly reclaimed.	do
Do	18	4104950N, 353250E	do	Chat pile, 150 x 240 ft; 30 ft high.	do

TABLE C-3. - Chat Piles and Tailings Ponds--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action Reclamation
T.34S., R.25E, sec.14	19	4105140N, 353990E	Hoosier Mining Co. and Windsor Mining Co.	Chat pile, irregular shape; adjacent to open pit, partially reclaimed.	
Do	20	4105130N, 354225E	Windsor Mining Co.	Chat pile, 180 x 450 ft; partially reclaimed.	do
Do	21	4104960N, 353675E	Illinois Lead & Zinc Co.	Chat pile, 100 x 350 ft; partially reclaimed.	do
Do	22	4104910N, 353765E	do	Chat pile, 120 x 180 ft; partially reclaimed.	do
Do	23	4104890N, 354030E	Eagle-Picher Galena Leases	Chat pile, 200 x 400 ft; contains large amount of coarse rubble.	Use for filling nearby hazardous shafts
Do	24	4104640N, 353720E	Illinois Lead & Zinc Co.	Chat pile, 120 x 300 ft; 20 ft high.	Reclamation
Do	25	4104530N, 354800E	Southside Mine	Chat pile, 300 ft dia; 70-80 ft high, largest chat pile in Galena area.	do
T.34S., R.25E., sec.13	26	4104650N, 355350E	Illinois Lead & Zinc Co.	Chat pile, 180 x 275 ft; contains some coarse material and trash; partially quarried.	do
Do	27	4104525N, 355730E	Connor Investment Co.	Chat pile, 250 ft dia; 10-15 ft high; partially reclaimed.	do
Do	28	4104280N, 355640E	do	Chat pile, 125 x 270 ft; 10-15 ft high; partially quarried.	do

TABLE C-3. - Chat Piles and Tailings Ponds--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 34S., R. 25E., sec. 22	29	4104020N, 353060E	Kansas-Missouri Land & Mining Co.	Chat pile, 280 x 450 ft; mostly reclaimed.	Reclamation
T. 34S., R. 25E., sec. 23	30	4103630N, 354710E	Mary A. Stone	Chat pile, irregularly shaped, adjacent to large cave-in--The "Blue Hole;" contains coarse material.	Use for filling nearby hazardous shafts
Do	31	4103560N, 353650E	Alice Kreller	Chat pile, 100 x 200 ft; 20 ft high; adjacent to cave-ins.	Reclamation
Do	32	4103360N, 353630E	D.C. Milliken	Chat pile, 150 x 270 ft; adjacent to cave-ins; partially reclaimed; has steep faces on north side.	do
T. 34S., R. 25E., sec. 22	33	4103550N, 352710E	Kansas-Missouri Land & Mining Co.	Chat pile, irregular outline; partly reclaimed.	do
Do	34	4103550N, 352340E	Gertrude R. Bradbury	Chat pile, 350 ft dia; 20-30 ft high.	do
Do	35	4103470N, 352300E	do	Chat pile, 100 x 200 ft; partly reclaimed.	do
T. 34S., R. 25E., sec. 23	36	4102830N, 353480E	New Century Mine	Crescent-shaped remnant of 400 ft dia chat pile; being actively reclaimed at time of aerial photography.	do

TABLE C-3. - Chat Piles and Tailings Ponds--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.34S., R.25E., sec.27	37	4102500N, 353135E	Rochester Mine	Chat pile, 120 x 300 ft; on valley wall; mostly reclaimed.	do
Do	38	4102340N, 352460E	H. Weyman	Chat pile, 120 x 300 ft; partially reclaimed on north side; steep slopes.	do
Do	39	4102240N, 352515E	H. Weyman and/or Connor Investment Co.	Chat pile, 200 x 270 ft; mostly reclaimed.	do
Do	40	4102210N, 352920E	Harry Schultz Weyland Mine	Chat pile, 100 x 180 ft; partially reclaimed.	do
Do	41	4102260N, 353060E		Chat pile, irregular remnants of large chat pile; mostly reclaimed.	do
Do	42	4102090N, 353175E	Boston Mine (?)	Chat pile; mostly reclaimed; 100 x 180 ft.	do
Do	43	4102030N, 352310E	Connor Investment	Chat pile, 150 ft dia; partially reclaimed.	do
Do	44	4102010N, 352820E	Harry Schultz	Chat pile, 220 dia; 20-30 ft high.	do
Do	45	4101890N, 352920E	do	Chat pile, 200 ft dia; 10-15 ft high.	do
Do	46	4101920N, 352625E	do	Chat pile, 150 ft dia; 20 ft high.	do
T.34S., R.25E., sec.28	47	4101360N, 351530E	Andayer Mine (?)	Chat pile, 150 x 300 ft; 20-30 ft high; partially reclaimed on south side.	do
T.34S., R.25E., sec.34	48	4099430N, 353030E	Clermont Mine	Chat pile, 350 x 450 ft; 30-40 ft high.	do

TABLE C-3. - Chat Piles and Tailings Ponds--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 23E., sec. 2	1	4098580N, 334090E	Big John Mine	Tailings pond, dry; area 2.8 acres; filled with fine material susceptible to wind erosion.	Revegetation
Do	2	4098380N, 334060E	do	Chat pile, 650 ft dia; partially reclaimed on east side.	Reclamation
Do	3	4098410N, 335280E	Sample Mine & Southern Mine	Chat pile, irregular remnants of much larger chat pile; high hazard; contains collapsed shaft (No. 7) and near-vertical faces.	do
T. 35S., R. 23E., sec. 11	4	4097530N, 334480E	Robinson Mine	Chat pile remnant, 1000 ft dia; adjacent to Tar Creek.	do
Do	5	4097350N, 335270E	Fox Mine	Tailings pond; area 1.1 acres; partially filled with greenish water.	do
Do	6	4097010N, 334530E	DeArmand Mine	Tailings pond, area 1.6 acres; between chat pile and Tar Creek; holds some water.	Draining--re-vegetation
Do	7	4096940N, 334390E	do	Chat pile, 400 x 550 ft; 80 ft high; mostly intact.	Reclamation
Do	8	4096840N, 334880E	Bendelari Mine	Tailings pond, area 21.7 acres; dry; embankments breached; wind erosion hazard; dune field has formed at north end.	Revegetation
Do	9	4096770N, 335180E	do	Chat pile remnants; mostly reclaimed; contains some steep faces.	Reclamation

TABLE C-3. - Chat Piles and Tailings Ponds--Continued

Location	Site Number	UTM Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.35S., R.23E., sec.11	10	4096690N, 334440E	DeArmand Mine	Tailings pond, area 4.6 acres; dry; contains fine material; susceptible to wind erosion.	Revegetation
T.35S., R.23E., sec.14	11	4096200N, 334340E	Mid-Contin- ent/Lawyers Mine	Tailings pond, area 2.6 acres; dry; part is re- vegetated; northern part is being actively eroded by wind.	Reclamation and revegetation
Do	12	4096290N, 334370E	do	Tailings pond, area 1.4 acres; dry; contains fine wind-blown mater- ial.	Revegetation
Do	13	4096330N, 334570E	do	Tailings pond, area 0.4 acres; contains small amount of water.	do
Do	14	4096430N, 334720E	Wilbur Mine	Tailings pond, area 4.5 acres; dry; breached embankments; suscep- tible to wind erosion.	do
Do	15	4096420N, 335020E	do	Chat pile remnant, 750 ft dia; 30-40 ft high	Reclamation
Do	16	4096320N, 335240E	do	Remnants of large chat pile; 80 ft high; mostly reclaimed; low hazard.	do
T.35S., R.23E., sec.12	17	4096580N, 335480E	Cherokee Mine	Tailings pond, area 2.3 acres; dry; susceptible to wind erosion.	Revegetation
Do	18	4096760N, 335680E	do	Tailings pond, area 4.3 acres; contains clear water; shallow.	None

TABLE C-3. - Chat Piles and Tailings Ponds--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.35S., R.23E., sec.12	19	4096680N, 335800E	Cherokee Mine	Tailings pond, area 0.9 acres; contains clear shallow water.	None
Do	20	4096710N, 336070E	do	Chat pile, area 1.9 acres.	Reclamation
Do	21	4096730N, 336140E	do	Tailings pond, area 0.6 acres; shallow.	Draining; revegetation
Do	22	4096850N, 336650E	Webber Mine	Tailings pond, area 10.3 acres; dry; embankments are breached; fine material is susceptible to wind erosion and has been carried by water to the west.	Revegetation
Do	23	4096630N, 336760E	do	Chat pile remnants; contains some steep faces.	Reclamation
T.35S., R.23E., sec.13	24	4096430N, 336680E	New Blue Diamond Mine	Tailings pond, area 2.2 acres; partially revegetated; contains shallow clear water.	Revegetation
Do	25	4096370N, 336640E	do	Tailings pond, area 0.2 acres; contains shallow water.	do
Do	26	4096290N, 336650E	do	Tailings pond, area 0.3 acres; contains shallow water.	do
Do	27	4096350N, 336570E	Blue Diamond Mine	Chat pile remnant, 500 ft dia; susceptible to wind erosion; material being blown across road to the north.	do
Do	28	4096330N, 336440E	do	Tailings pond, area 2 acres; contains shallow water; partially vegetated.	Draining; revegetation

TABLE C-3. - Chat Piles and Tailings Ponds--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.35S., R.24E., sec.3	1	4098625N, 343450E	Liza Jane Mine	Tailings pond, 0.5 acres; low embankment contains shallow water; may be used to water livestock; low hazard.	None
T.35S., R.24E., sec.11	2	4097760N, 345010E	Beck No. 3 Mine	Chat pile, 400 x 600 ft; 20-25 ft high.	Reclamation
Do	3	4097750N, 344880E	do	Tailings pond, 5.5 acres; does not retain water; contains fine material susceptible to wind transport.	Revegetation
T.35S., R.24E., sec.10	4	4097625N, 343470E	Ballard Mine	Tailings pond, 50 x 730 ft; only partially filled; part of large chat reclamation opera- tion.	None
Do	5	4097650N, 343425E	do	Tailings pond, area 5.8 acres; composed of saturated fine material from chat reclamation operation.	do
Do	6	4097840N, 343430E	do	Tailings pond, area 8.5 acres; partially filled with greenish-blue water; part of chat reclamation operation.	do
Do	7	4097880N, 343320E	do	Small tailings pond con- taining greenish water; part of chat reclamation operation; breached and connects with pond #6.	do

TABLE C-3. - Chat Piles and Tailings Ponds--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T. 35S., R. 24E., sec. 10	8	4097830N, 343240E	Ballard Mine	Tailings pond, area 2.3 acres; contains greenish-blue water; part of chat reclamation operation.	None
Do	9	4097800N, 343125E	Shanks Mine	Tailings pond, area 0.7 acres; partially filled; iron stained.	Reclamation
Do	10	4097700N, 342600E	Clark Mine	Tailings pond, area 3.7 acres; partially filled with clear shallow water.	Revegetation
Do	11	4097600N, 342680E	Clark Mine/ Slaughter Mine/ Ballard Mine	Chat pile, irregularly shaped; remnant of large pile.	Reclamation
Do	12	4097550N, 343150E	Ballard Mine/ Shanks Mine	Chat pile, irregularly shaped; remnant of a large pile at the site of Ballard Mill; now being reclaimed for chat.	Continued reclamation
Do	13	4097100N, 343230E	Ballard Mine	Tailings pond, area 8.7 acres; small amount of water in east end; remainder composed of dry fine material susceptible to wind erosion.	Revegetation
T. 35S., R. 24E., sec. 7	14	4097040N, 337140E	Barr Mine	Dry tailings pond, area 1.6 acres; filled with fine material susceptible to wind erosion.	do

TABLE C-3. - Chat Piles and Tailings Ponds--Continued

Location	Site Number	UTM ¹ Coordinates Zone 15	Name	Size and Present Condition	Suggested Remedial Action
T.35S., R.24E., sec.7	15	4096950N, 337275E	Barr Mine	Chat pile, 550 ft dia; partially reclaimed.	Reclamation
Do	16	4096550N, 337600E	West Side Mine	Chat pile 720 x 550 ft; on southeast side of Blue Mound, partially reclaimed; site of chat reclamation operation.	do
Do	17	4096510N, 337430E	Barr Mine	Tailings pond, area 0.9 acres; partially filled with greenish water.	Draining and reclamation
T.35S., R.24E., sec.18	18	4096220N, 337400E	Blue Mound Mine	Tailings pond, area 1.7 acres; shallow with clear water.	Draining and revegetation
T.35S., R.24E., sec.13	19	4096110N, 345230E	Wade Com- monwealth #2 Mine	Chat pile, 400 ft dia; partially reclaimed on west side.	Reclamation