

**City of Madison Engineering Division  
Quarry Mining Operations Survey –  
March and April 2005**

**Survey results summarized:**

1252 questionnaires mailed  
630 responses  
584 responses matched to land parcels  
46 responses not matched to land parcels  
622 questionnaires not returned

1. Do you rent or own this property?
  - Own = **625**
  - Rent = **5**
2. How long have you lived at this address?
3. Are you aware of quarry mining operations or rock quarries in your neighborhood?
  - Yes = **513**
  - No = **106**
4. Have you observed large trucks hauling mineral aggregates such as rock or sand using County Trunk Highway AB (Buckeye Road)?
  - Yes = **484**
  - No = **102**
  - Don't remember = **36**
5. Have you observed large trucks hauling mineral aggregates such as rock or sand on local streets in your neighborhood?
  - Yes = **156**
  - No = **394**
  - Don't remember = **374**
6. Have you observed any rock or sand materials on County Trunk Highway AB (Buckeye Road) spilled from large trucks?
  - Yes = **191**
  - No, not unusual = **427**
7. Have you observed an unusual amount of dust or dirt on patios, driveways, or windows attributed to quarry mining operations?
  - Yes = **164**
  - No, not unusual = **450**
8. Have you sensed or felt the vibration of blasting operations when you have been in your residence?
  - Yes = **357**
  - No = **207**
  - Not Sure = **57**
9. How often did you sense or feel vibration from blasting operations in 2004?
  - Not once = **218**
  - Once or twice = **88**
  - Three to five times = **121**
  - Five to 15 times = **129**
  - Greater than 15 times = **38**

10. Did your residence sustain any damage that you attribute to blasting operations at opens surface mines
  - Yes = **179**
  - No = **300**
  - Don't Know = **243**

11. What damage occurred?
  - Not aware of any damage = **376**
  - Broken window seals = **22**
  - Broken glass = **8**
  - Picture frames fell from the walls = **23**
  - Cracks in drywall/plaster = **90**
  - Cracks in foundation = **44**
  - Cracks in basement floor = **54**
  - Other. Please describe: = **96**

12. Did you report the damage to your insurance company?
  - Not aware of any damage = **300**
  - Yes = **11**
  - No = **251**



13. Did you report this damage to any of the following entities?
  - Not aware of any damage = **388**
  - Didn't report any damage = **119**
  - Surface mining operator = **2**
  - Alderperson = **12**
  - County Zoning = **0**
  - Wisconsin Department of Commerce = **1**
  - County Supervisor = **0**
  - Other. Please describe: = **41**

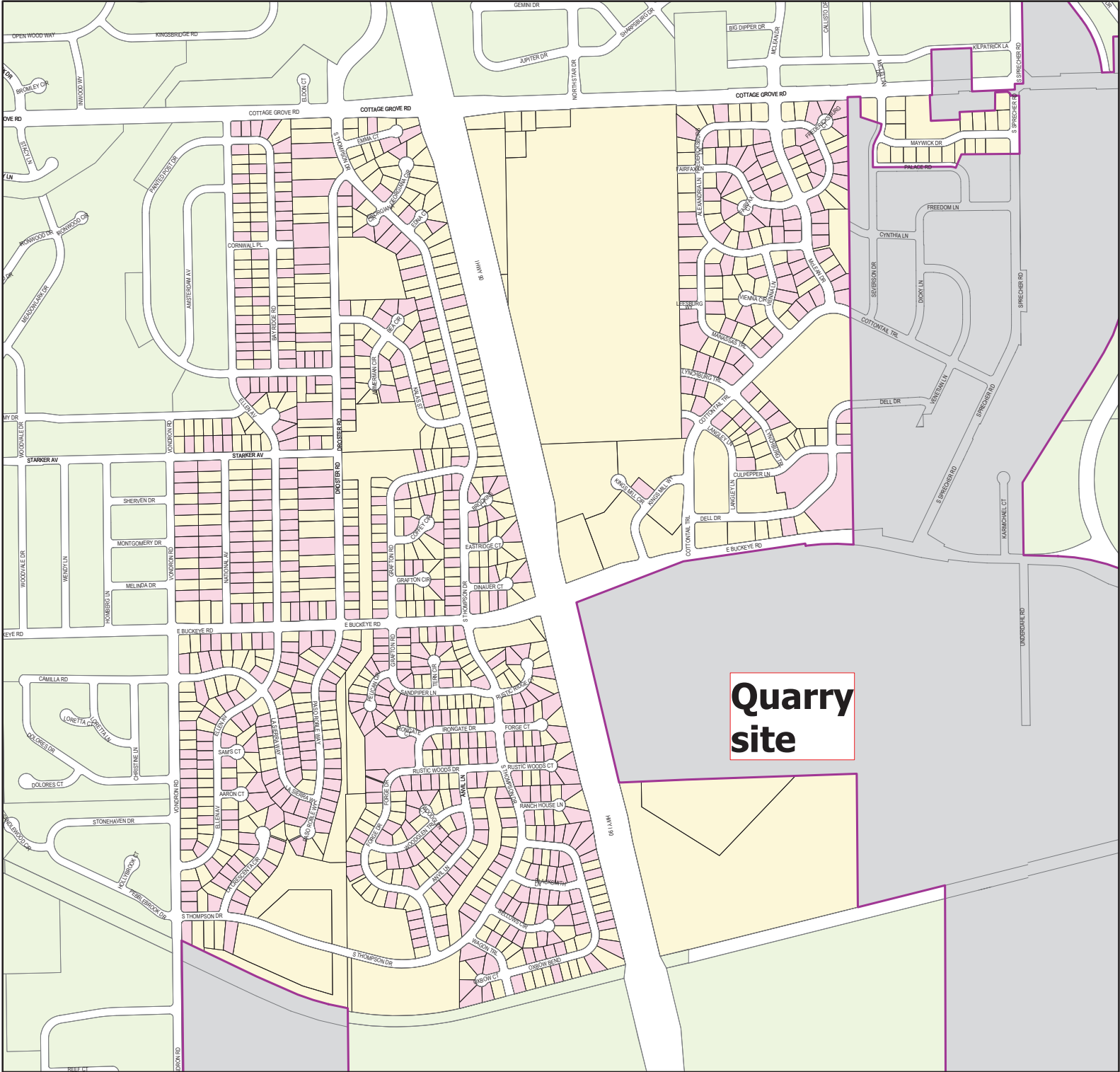
*If you responded YES to Question 10 please answer Questions 14 and 15*

14. Do you want the damage to your home inspected by the representatives of the open surface mine?
  - Yes = **35**
  - No = **184**
  - Don't know = **93**
15. If it could be arranged, would you like to have an instrument placed in your yard to measure the vibration during blasting operations at the open surface mine(s)?
  - Yes = **101**
  - No = **149**
  - Don't Know = **93**
16. Would you be interested in having the surface mine operator maintain a web site to announce blasting operations 24 hours in advance of the event as well as the dates of previous events?
  - Yes = **291**
  - No = **222**






# Yahara Materials Quarry Damage Questionnaire Responses

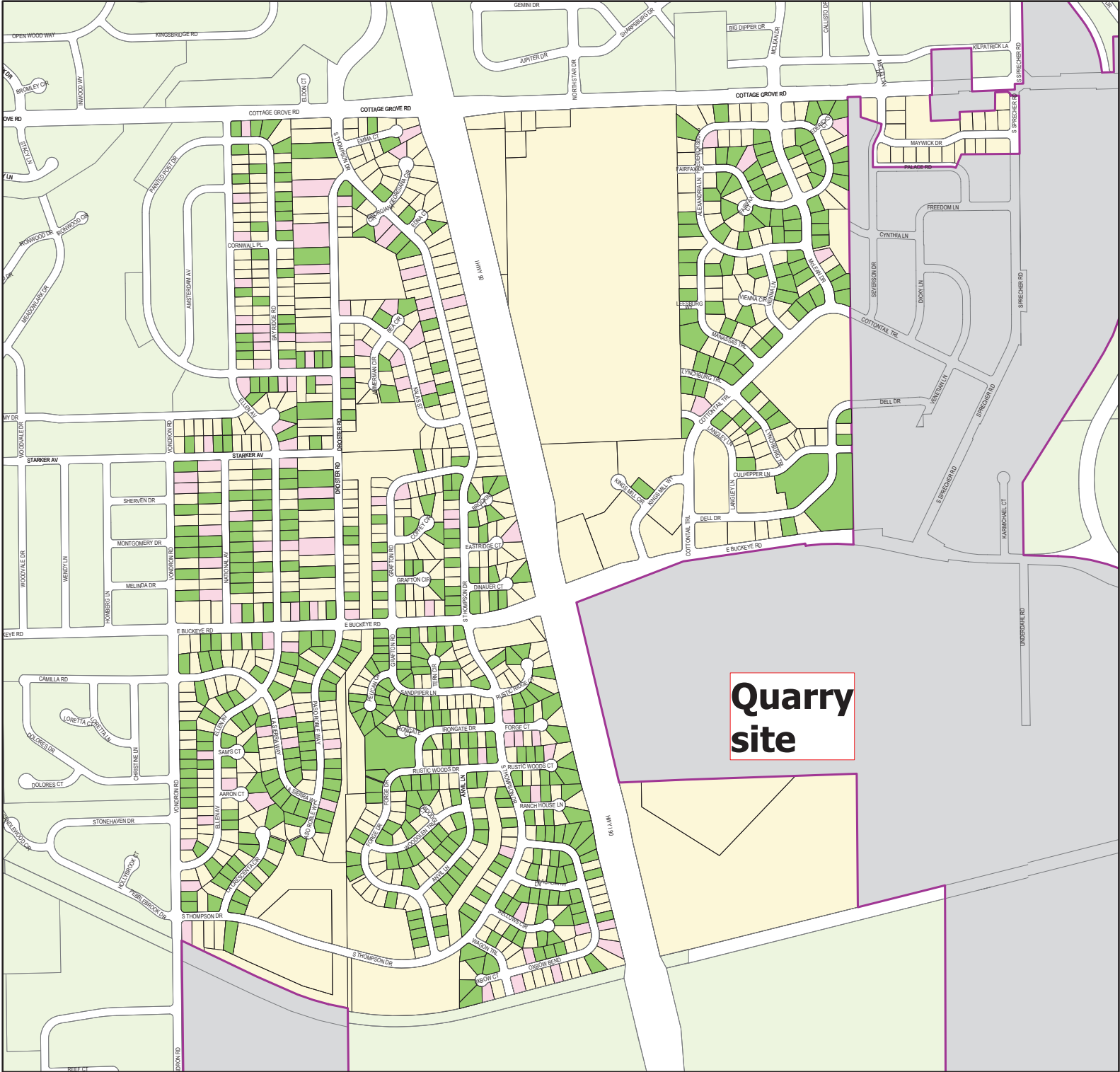
-  - Questionnaire sent to property owner
-  - Questionnaire returned





# Yahara Materials Quarry Damage Questionnaire Responses

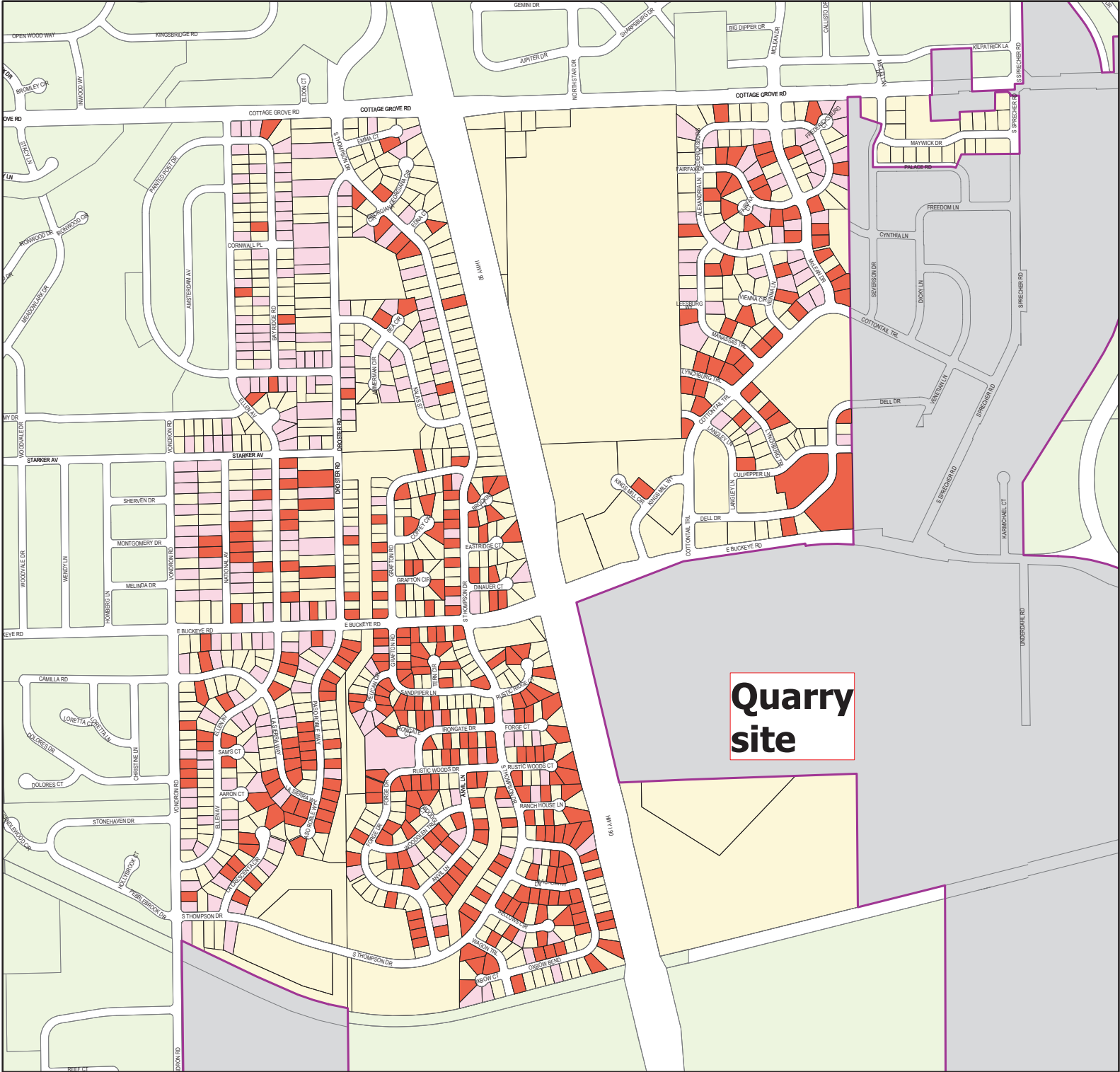
-  - Questionnaire sent to property owner
-  - Questionnaire returned
-  - Aware of quarry operation in neighborhood





# Yahara Materials Quarry Damage Questionnaire Responses

- Questionnaire sent to property owner
- Questionnaire returned
- Sensed or felt vibration from blasting





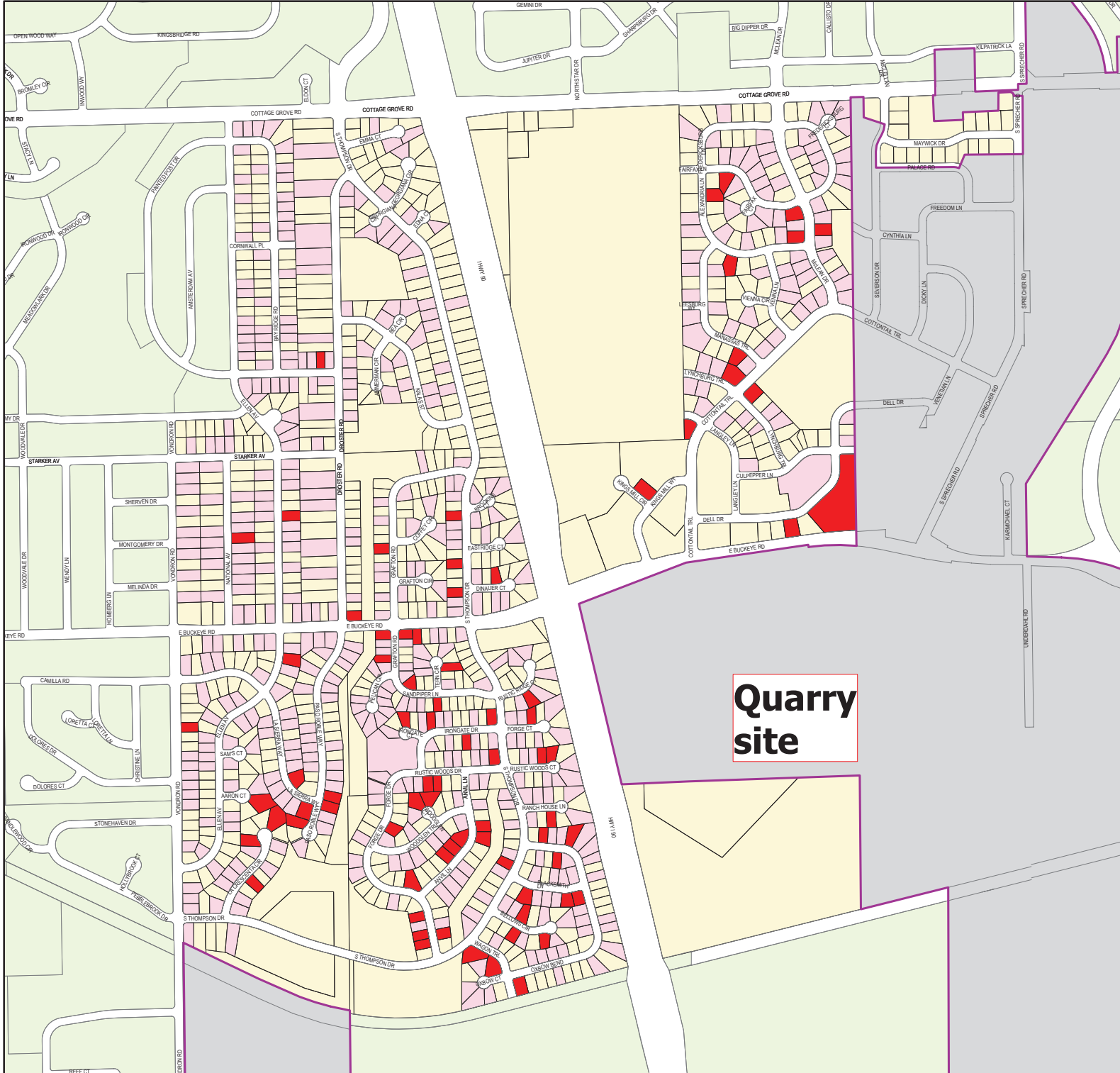


# Yahara Materials Quarry Damage Questionnaire Responses

- Questionnaire sent to property owner

- Questionnaire returned

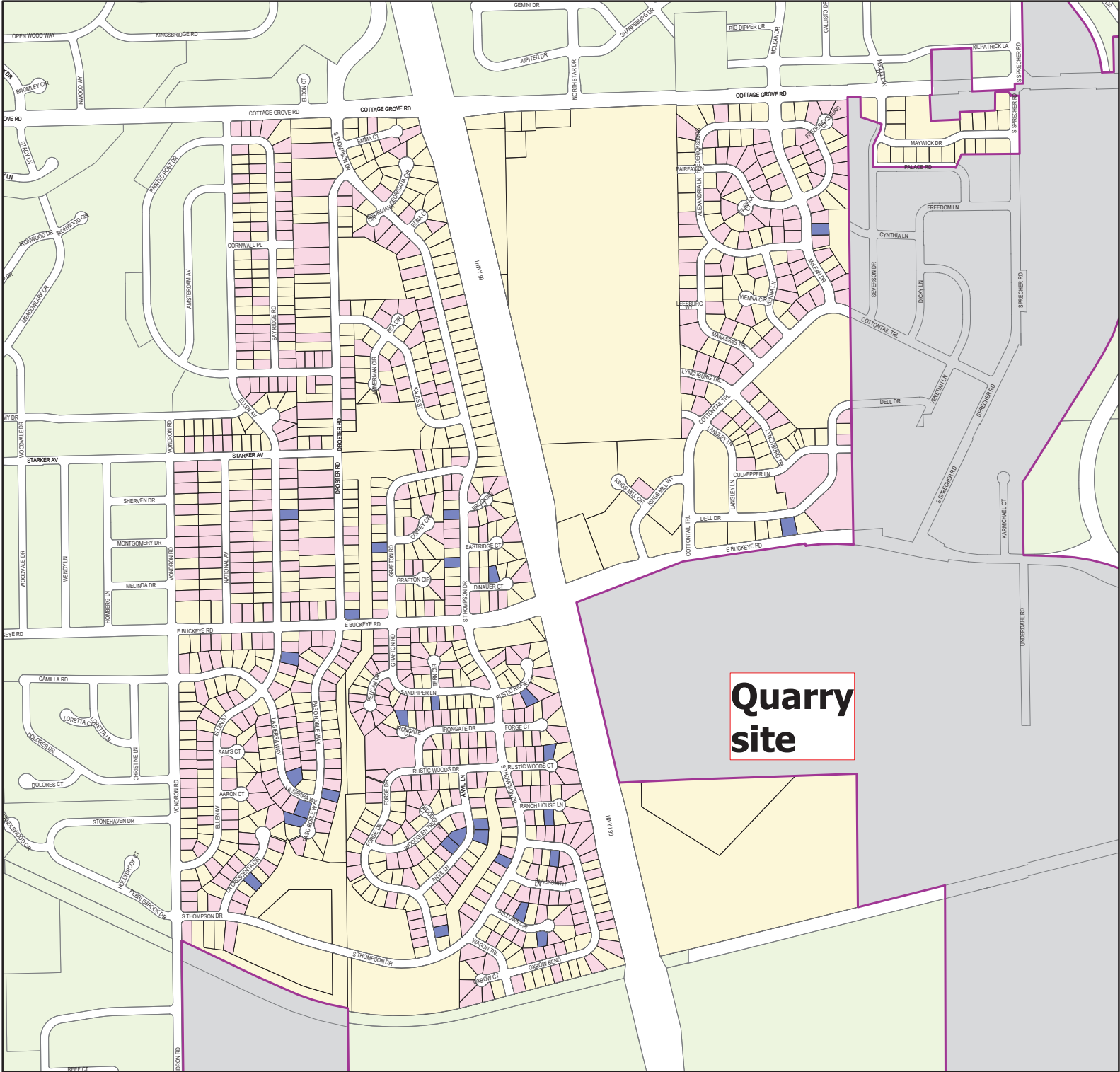
- Some damage reported





# Yahara Materials Quarry Damage Questionnaire Responses

- Questionnaire sent to property owner
- Questionnaire returned
- Cracks in foundation

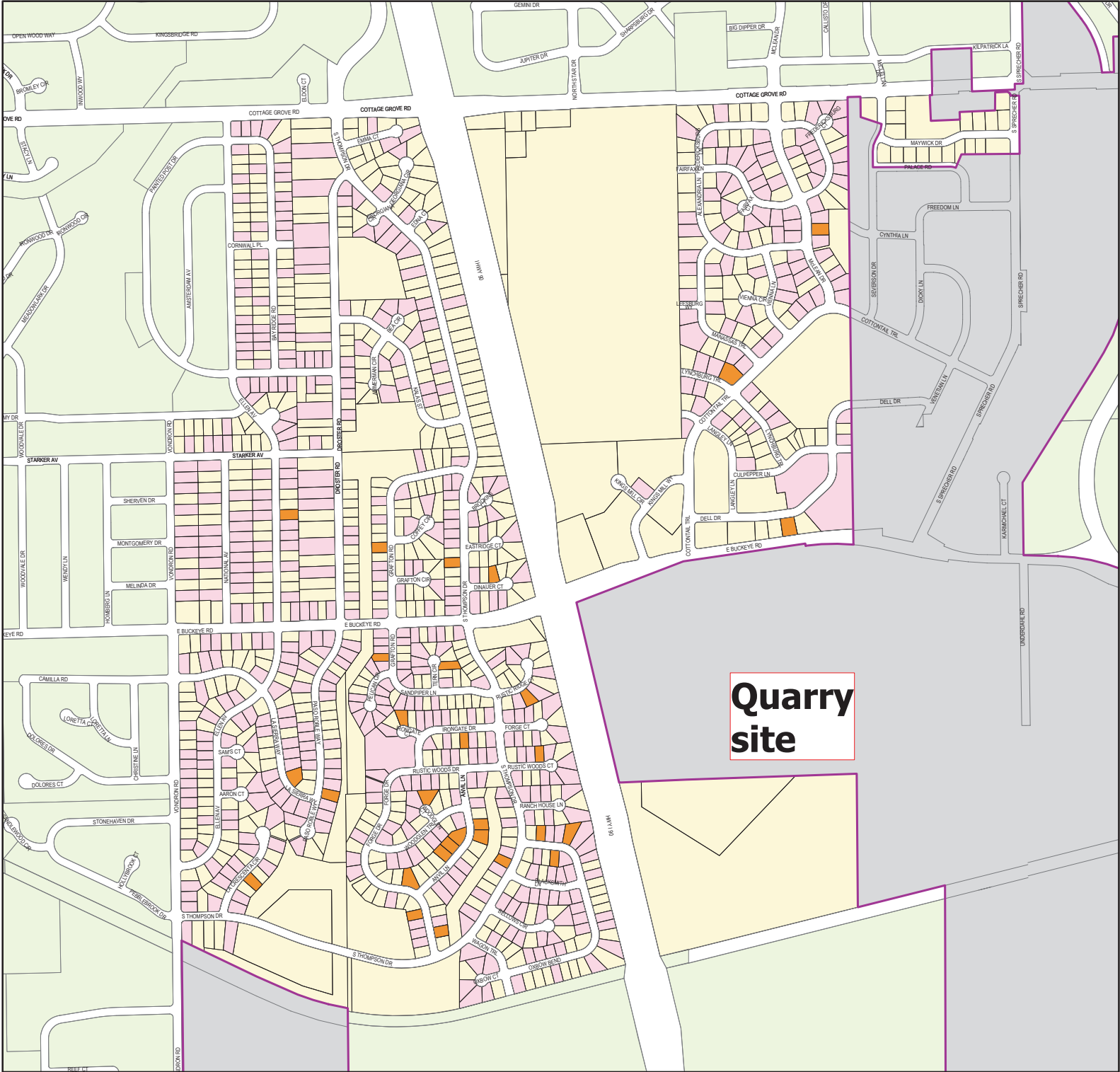






# Yahara Materials Quarry Damage Questionnaire Responses

- Questionnaire sent to property owner
- Questionnaire returned
- Cracks in basement floor

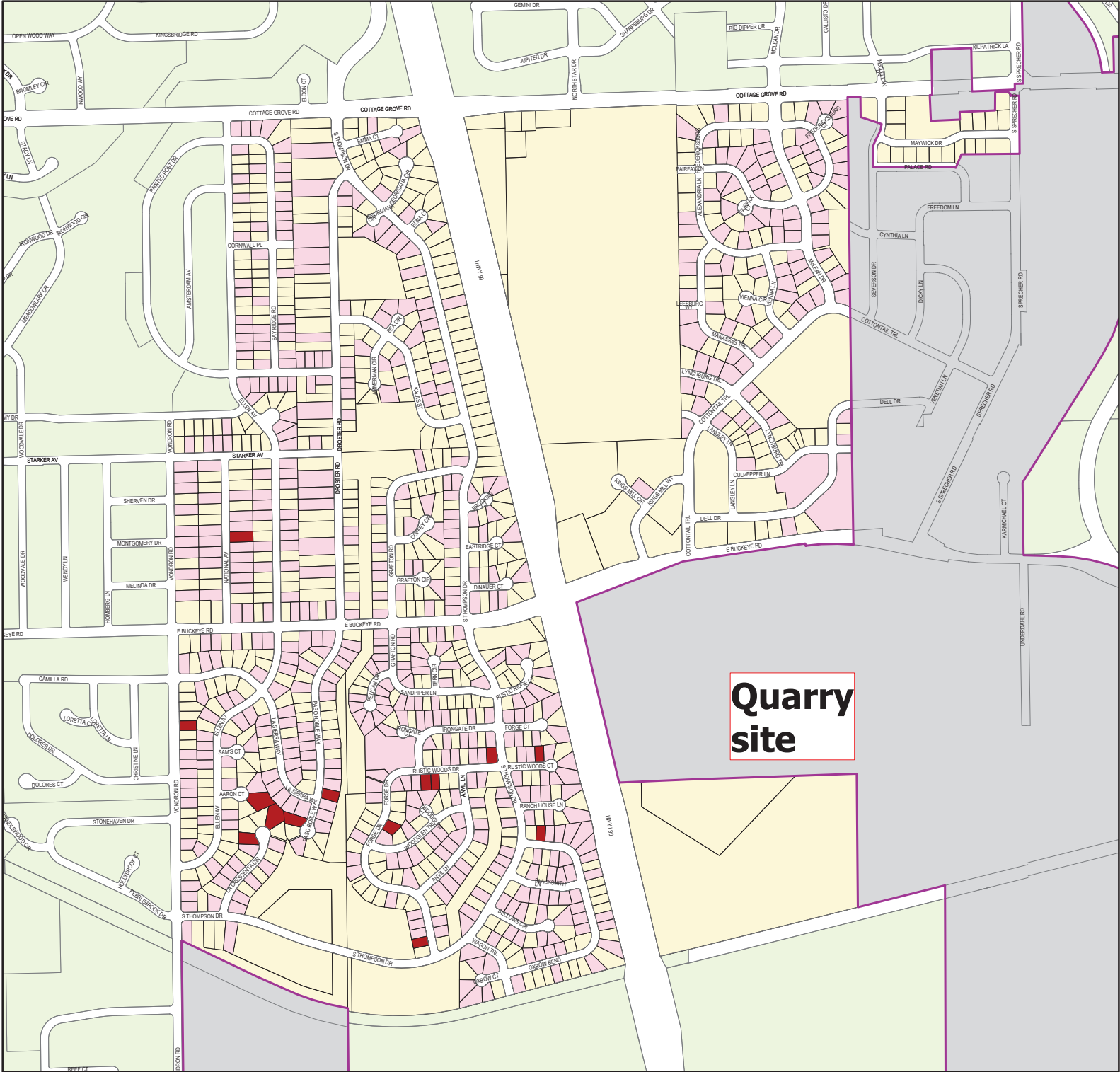






# Yahara Materials Quarry Damage Questionnaire Responses

- Questionnaire sent to property owner
- Questionnaire returned
- Broken Window Seals





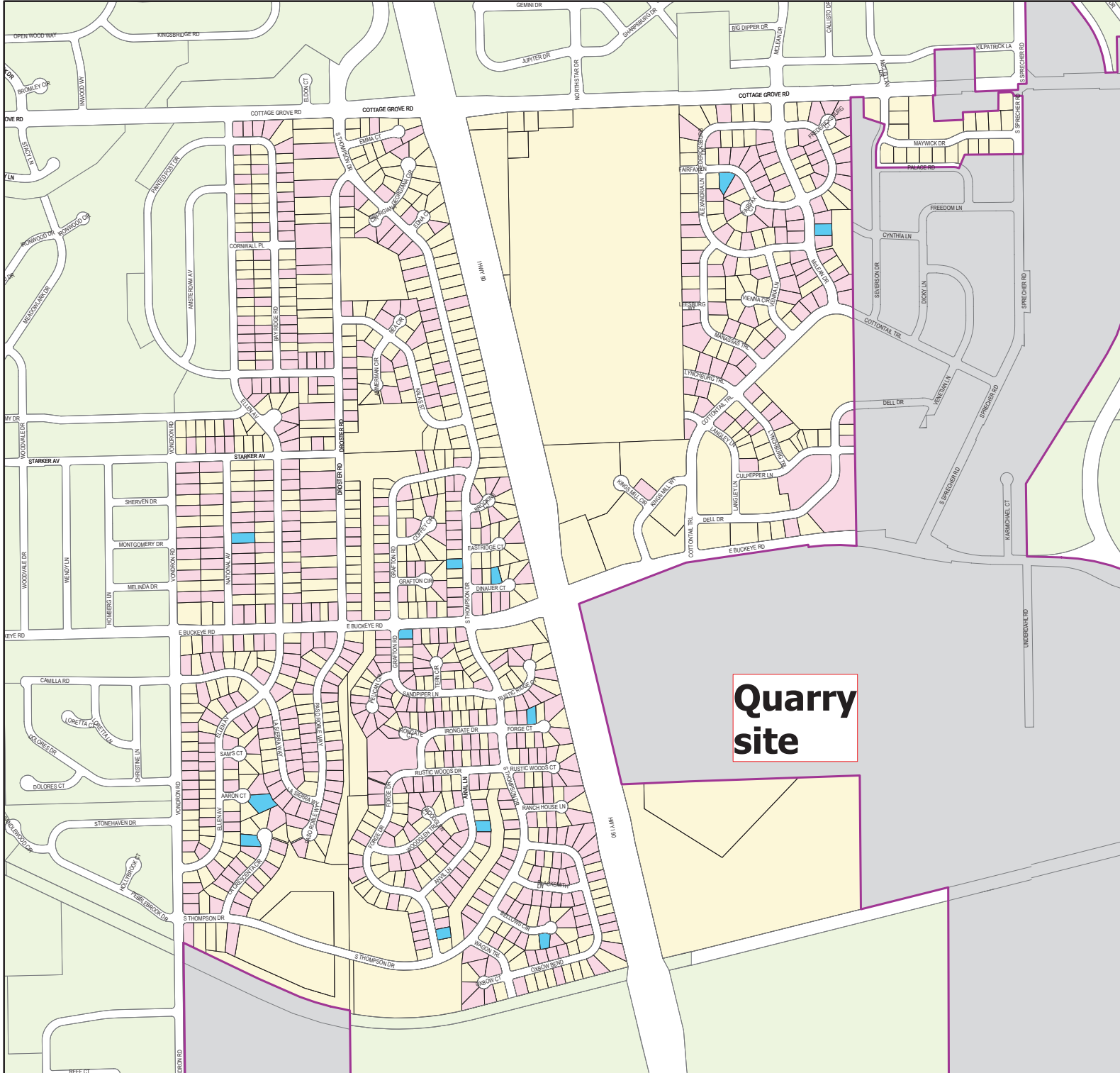


# Yahara Materials Quarry Damage Questionnaire Responses

 - Questionnaire sent to property owner

 - Questionnaire returned

 - Picture frames fell from the wall



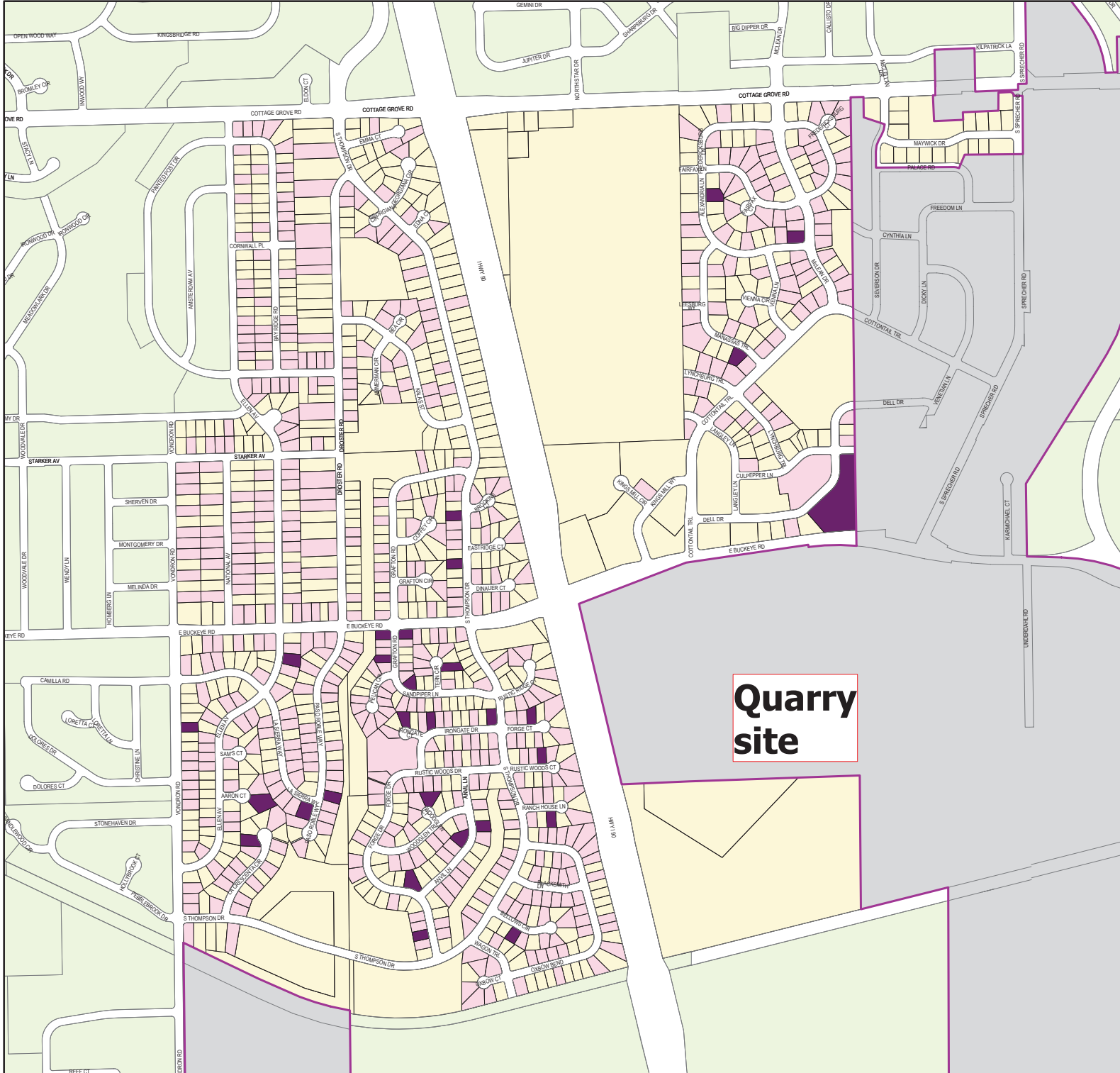


# Yahara Materials Quarry Damage Questionnaire Responses

- Questionnaire sent to property owner

- Questionnaire returned

- Other damage, see comments

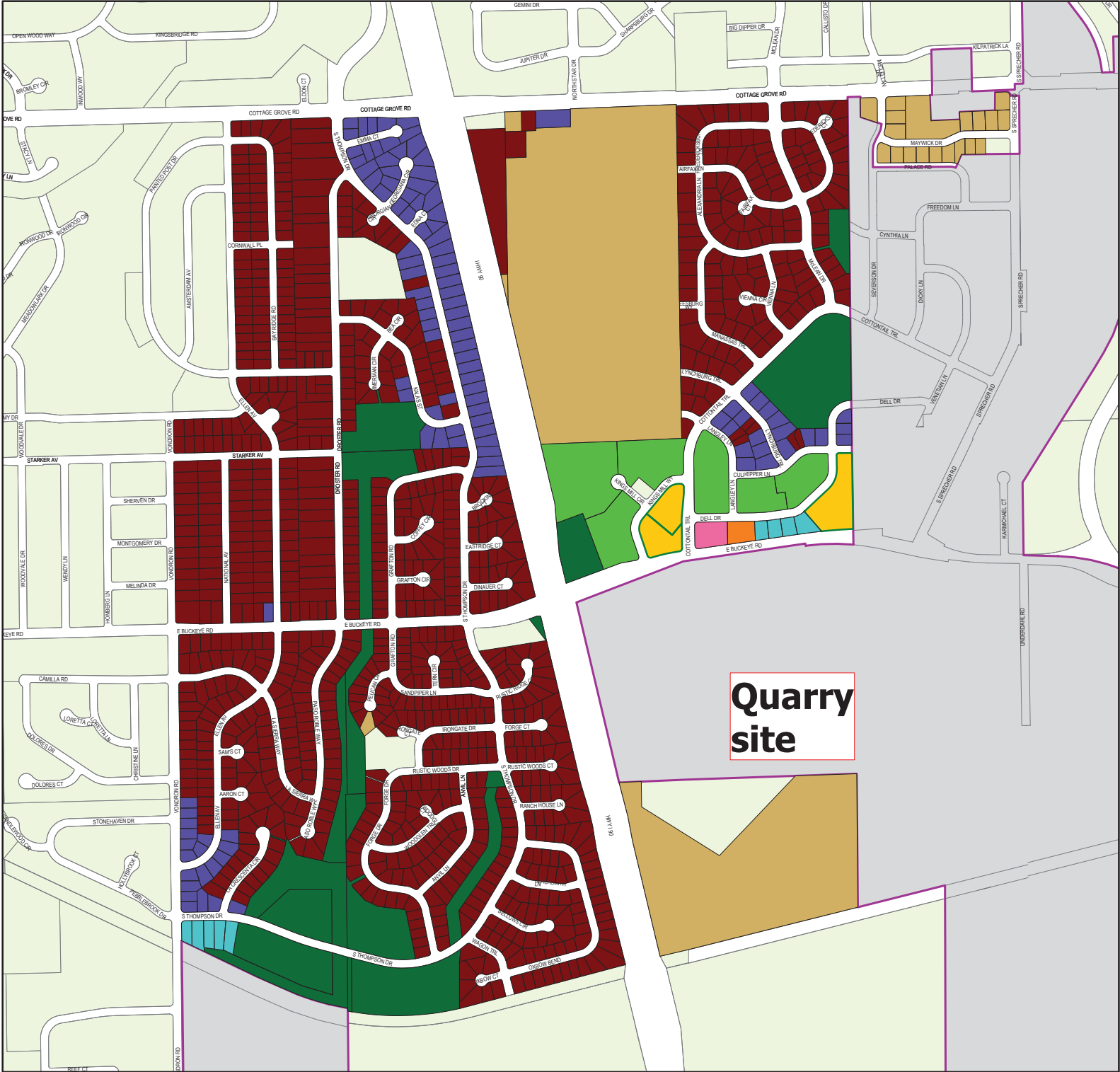
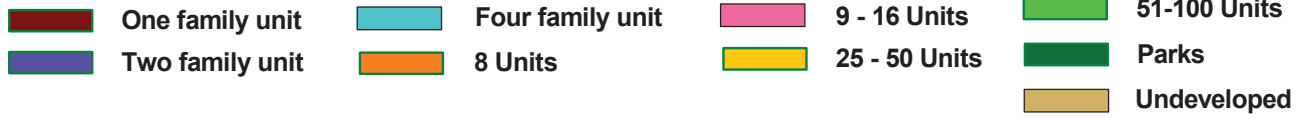






# Yahara Materials Quarry Damage Questionnaire Responses

## Land Use - Residential and open space





# Yahara Materials Quarry Damage Questionnaire Responses

## Age of Buildings in Study Area

