

2.4 1958 PHOTOGRAPHS

FIGURE: 5
DATE: 21 FEBRUARY 1958
PHOTOGRAPH: C23023, VII-ORA-8-13
NOTE: Note that the photograph has poor resolution, is of small scale, and has only partial stereographic coverage. These factors make recognition and identification of features difficult.

c 87. An excavation (EX) and light-toned mounded material (MMLT) can be seen near the midpoint of Runway 21. They are probably related to construction work. Additional investigation is not recommended at this time.

c 88. There is an impoundment (IM) (Building 583) on the hilltop adjacent to the MCAS El Toro residential area. It appears to be a water reservoir. Verification as a potable water reservoir is recommended.

c 89. Stains (ST) and a trench (TR) that can be seen at the Original Landfill (Site 3) may include areas beyond the previously recognized boundaries. A more detailed review of site history and possible expansion of the IR program field investigation area is recommended.

c 90. Possible liquid (LQ) or wet soil (WS) is noted at the northerly end of the Sludge Drying Beds (Site 12). The current IR program field investigation of Site 12 is probably adequate, relative to the features noted here.

c 91. Disturbed ground (DG) and a probable excavation (EX) are located adjacent to the taxiway in the area of Drop Tank Drainage Area No. 1 (Site 6). Additional investigation may be necessary.

c 92. There is wet soil (WS) in the open field between East Marine Way and Z Street. Additional investigation is recommended.

c 93. An open storage (OS) area with dimensions of about 500 feet by 800 feet is located in east corner of El Toro Boulevard and East Marine Way. It contains possible drums (D). Probable liquid (LQ) is flowing northwesterly from the west end of Building 390. Additional investigation is recommended.

c 94. There are three (3) probable vertical tanks (VT) (including Buildings 408 and 409 that appear to be identified as towers on the map of MCAS El Toro) and near Building 1650. All of the probable tanks are located in the triangular area defined by W Street, N 2nd Street, and North - East Marine Way. Verification of tanks and their contents is recommended.

b 95. There is a quarry (EXT) in the channel of Agua Chinon Wash at its confluence with the tributary stream flowing along the westerly side of the present Magazine Road Landfill (Site 2). Investigation of the quarry as a possible disposal site is recommended.

b 96. Minor ground scaring (GS) is noted in the area of the present Magazine Road Landfill (Site 2). There are also three (3) unidentified objects (UO). Additional investigation is not recommended at this time. The current IR program field investigation of Site 2 is probably adequate, relative to the features noted here.

b 97. No significant changes are noted at the EOD Range (Site 1), however, unidentified objects (UO) and light-toned mounded material (MMLT) were observed locally. Additional investigation is not recommended at this time. The current IR program field investigation of Site 1 is probably adequate, relative to the features noted here.

c 98. There is a trench (TR) in the eastern portion of the Magazine Road Landfill (Site 2) that may be a disposal site. No additional investigation is recommended at this time. The current IR program field investigation of Site 2 appears to be adequate, relative to the features noted here.





Aerial Photographic Interpretation
 MCAS El Toro
 Santa Ana, California
 1960

Figure 6

Sheet 1 of 2

June 28, 1960

Photo Number C-23870, 2010

Source: Map and Imagery Library,
 University of California, Santa Barbara

Prepared for:

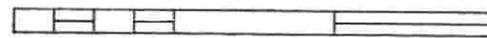
Southwest Division
 Naval Facilities Engineering Command
 Contract N68711-92-D-4658

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
B	Building	IM	Impoundment
D	Drums	LQ	Liquid
DB	Debris	LT	Light-Toned
DG	Disturbed Ground	M	Material
DK	Dark-Toned	MM	Mounded Material
EX	Excavation	OS	Open Storage
EXT	Extraction	R	Refuse
FA	Fill Area	ST	Stain
FBR	Fuel Bladder	TR	Trench
	Revetment	UO	Unidentified Object
GR	Graded Area	VT	Vertical Tank
GS	Ground Scar	WS	Wet Soil
HT	Horizontal Tank		



1000' 0 1000' 2000'



1" = 1200'

SAIC Science Applications
 International Corporation
 An Employee-Owned Company

2012

1:14400

870

6-28-09





Aerial Photographic Interpretation
 MCAS El Toro
 Santa Ana, California
 1960

Figure 6

Sheet 2 of 2

June 28, 1960

Photo Number C-23870, 2012

Source: Map and Imagery Library,
 University of California, Santa Barbara

Prepared for:

Southwest Division
 Naval Facilities Engineering Command
 Contract N68711-92-D-4658

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
B	Building	IM	Impoundment
D	Drums	LQ	Liquid
DB	Debris	LT	Light-Toned
DG	Disturbed Ground	M	Material
DK	Dark-Toned	MM	Mounded Material
EX	Excavation	OS	Open Storage
EXT	Extraction	R	Refuse
FA	Fill Area	ST	Stain
FBR	Fuel Bladder	TR	Trench
	Revetment	UO	Unidentified Object
GR	Graded Area	VT	Vertical Tank
GS	Ground Scar	WS	Wet Soil
HT	Horizontal Tank		



1000' 0 1000' 2000'



1" = 1200'

SAIC Science Applications
 International Corporation
 An Employee-Owned Company

2.5 1960 PHOTOGRAPHS

FIGURE: 6
DATE: 28 JUNE 1960
PHOTOGRAPHS: C23870-2010 and C23870-2012
NOTE: Only partial coverage of site, only partial stereographic coverage.

c 99. Several buildings (B) with unknown purposes are noted along westerly border of the Rifle Range area. There is disturbed ground (DG) along westerly side of Range Road, near the center of the range. It appears to be earthwork with the purpose unknown. There is an impoundment (IM) with possible wet soil (WS) at the northeast corner of the range. There is disturbed ground (DG) adjacent to northeast corner of range, that is probably construction related. Disturbed ground (DG) with a probable excavation (EX) can be seen about 200 feet northerly of range; this is a possible disposal site. Additional investigation of the possible disposal site is recommended.

c 100. Disturbed ground (DG) with a possible excavation (EX) or trench (TR) is located about 1800 feet east of the Rifle Range. Additional investigation is recommended.

c 101. Excavation (EX) and stain (ST) or wet soil (WS) are located at the southwest edge of Rodeo Area. They may be related to earthmoving or manure spreading. The dark-toned mounded material (MMDT) may be hay or manure piles. The purpose of excavation is unknown, but may be a disposal site. Additional investigation of the excavation may be advisable.

c 102. Possible drums (D) are located on the northeast side of Building 415, located easterly of the Rodeo Area. Additional investigation is recommended.

c 103. Several features can be observed at the South Coast Agriculture Field Station. There is a vertical tank (VT) in westerly corner of the developed support area. There are several buildings (B) with unknown purposes. There is an impoundment (IM) with liquid (LQ), probably irrigation water at the northeast corner. Due to the type of land use, fuel, solvents, pesticides, fertilizers, and other chemicals were probably used and stored at the site. Additional investigation is recommended if contamination is detected in the site area or downgradient of the site, in areas of interest to the IR program.

c 104. The grading (GR) and residential development (B) of this area appears to be complete.

c 105. Stains (ST) or wet soil (WS) can be seen in the cleared areas on the northeast and southeast sides of Rodeo Area complex. Additional investigation may be advisable.

c 106. The quarry (EXT) area north of residential area is a probable material source for the MCAS El Toro construction activities. Northerly of the extraction area the land has

been cleared (GR), possibly for cultivation. Additional investigation of the site history for possible use as a disposal or waste storage site is recommended.

c 107. Excavation (EX) and disturbed ground (DG) are noted in Agua Chinon Wash, about 600 feet northeast of the residential area. A berm, possibly for water diversion, is partially constructed across the wash. Additional investigation of the site history as a possible disposal site is recommended.

c 108. Home sites are located at the mouth of Bee Canyon. Several buildings (B), a vertical tank (VT), probably for water supply, and a probable excavation (EX) are noted. Additional investigation is not recommended unless contamination is detected in the area, or downgradient of the site. The agricultural nature of the area suggests that fuels, chemicals, pesticides, fertilizers, and other potential contaminants may have been used or stored at the sites.

c 109. Two (2) vertical tanks (VT) can be seen at the easterly end of the support area for the large quarry that was noted above. Verification of the tanks and their contents is recommended, as is additional investigation if contaminants are detected downgradient of the site, in areas of interest to the IR program.

c 110. Possible stains (ST) or wet soil (WS) can be seen extending northwest - southeast across field located westerly of El Toro Marine School. Additional investigation is not recommended at this time.

c 111. There is an unidentified object (UO) at the corner of Q Street and N 9th Street that may be an incinerator chimney. Investigation of the site history is recommended.

c 112. There is a trench (TR) at the intersections of Runways 16L, 16R and 21. Additional investigation is not recommended at this time.

c 113. Stains (ST) can be seen at the edge of aircraft parking apron, adjacent to Building 99, near N 4th Place and K Street, and near N 1st Place and K Street, and near the southerly end of Building 624, at J Street and N 6th Place. Additional investigation is recommended.

c 114. There is wet soil (WS) and liquid (LQ) is flowing from the aircraft parking apron adjacent to Building 624, near N 6th Place and K Street. The liquid flows into the ditch that extends to West Marine Way.

c 115 There is probable wet soil (WS) and liquid (LQ) is flowing from the open storage (OS) area on the northeast side of N 4th Place. The liquid discharges into the ditch noted in the previous comment.

c 116. At the EOD Range (Site 1) there are several stains (ST) and a trench (TR) with probable liquid (LQ). This area is not shown on the photograph. There are no other significant changes. The current IR program field investigation Site 1 is probably

adequate, relative to the features noted here.

c 117. There is a possible stain (ST) around abandoned Compass Rose No. 1, near K Street and N 1st Place. Additional investigation is recommended.

c 118. There are two (2) unidentified objects (UO) about 370 feet southwest of Compass Rose No. 1. Additional investigation is recommended to identify the objects.



Aerial Photographic Interpretation
 MCAS El Toro
 Santa Ana, California
 1961

Figure 7

Sheet 1 of 2

August 18, 1961

Photo Number C-24153, 215

Source: Whittier College,
 Whittier, California

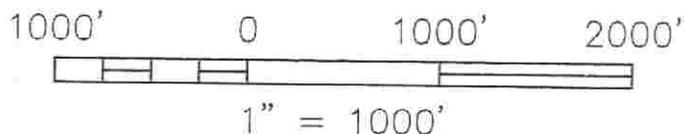
Prepared for:

Southwest Division
 Naval Facilities Engineering Command
 Contract N68711-92-D-4658



LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
B	Building	IM	Impoundment
D	Drums	LQ	Liquid
DB	Debris	LT	Light-Toned
DG	Disturbed Ground	M	Material
DK	Dark-Toned	MM	Mounded Material
EX	Excavation	OS	Open Storage
EXT	Extraction	R	Refuse
FA	Fill Area	ST	Stain
FBR	Fuel Bladder	TR	Trench
	Revetment	UO	Unidentified Object
GR	Graded Area	VT	Vertical Tank
GS	Ground Scar	WS	Wet Soil
HT	Horizontal Tank		



SAIC Science Applications
 International Corporation
 An Employee-Owned Company





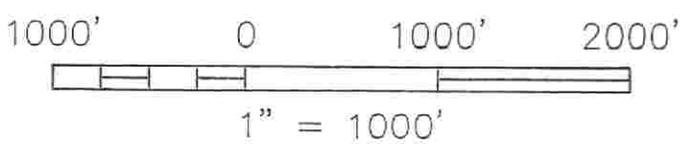
Aerial Photographic Interpretation
 MCAS El Toro
 Santa Ana, California
 1961

Figure 7
 Sheet 2 of 2
 August 18, 1961
 Photo Number C-24153, 217
 Source: Whittier College,
 Whittier, California

Prepared for:
 Southwest Division
 Naval Facilities Engineering Command
 Contract N68711-92-D-4658

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
B	Building	IM	Impoundment
D	Drums	LQ	Liquid
DB	Debris	LT	Light-Toned
DG	Disturbed Ground	M	Material
DK	Dark-Toned	MM	Mounded Material
EX	Excavation	OS	Open Storage
EXT	Extraction	R	Refuse
FA	Fill Area	ST	Stain
FBR	Fuel Bladder Revetment	TR	Trench
GR	Graded Area	UO	Unidentified Object
GS	Ground Scar	VT	Vertical Tank
HT	Horizontal Tank	WS	Wet Soil



SAIC Science Applications
 International Corporation
 © An Employee-Owned Company

2.6 1961 PHOTOGRAPHS

FIGURE: 7
DATE: 18.AUGUST 1961
PHOTOGRAPHS: C-24153-215 and C-24153-217
NOTE: The original negatives for these photographs no longer exist. The photographs have poor resolution, in part, because they are copies of a photograph, rather than being made from an original negative. There is only partial coverage of the site.

c 119. There is a possible vertical tank (VT) near the south side of the railroad tracks, north of Agua Chinon Canyon Wash. The tank should be verified and its contents determined.

c 120. Possible wet soil (WS) can be seen, and liquid (LQ) is flowing southwestward from Marine Memorial Golf Course, south of threshold of Runway 34R. The apparent wet soil (WS) may be caused by vegetation and irrigation of golf course. No additional investigation is recommended at this time.

c 121. Excavation (EX) with possible extraction (EXT) is noted on the south side of Perimeter Road, at the southern tip of the activity. Investigation of site history as a possible disposal area is recommended.

c 122. There are possible vertical tanks (VT) in the field south of Marine Memorial Golf Course, located about 400 and 600 feet southeast of Perimeter Road. They may be chemical storage tanks or related to irrigation system. Verification of the vertical tanks and determination of their contents are recommended.

c 123. There is a probable horizontal tank (HT) about 100 feet north of Trabuco Road, east of Perimeter Road. Verification of the tank and its contents is recommended.

b 124. Wet soil (WS) and probable flowing liquid (LQ) can be seen near the southwest edge of aircraft parking apron at Drop Tank Drainage Area No. 1 (Site 6). The site is located about 200 feet west of hangar (Building 481) and the flow is westerly toward the taxiway. Additional investigation may be advisable.

c 125. Wet soil (WS) can be seen on the east side of the taxiway south of Drop Tank Drainage Area No. 1 (Site 6). Expansion of the Drop Tank Drainage Area No.1 (Site 6) field investigation program to include this area is recommended.

c 126. There is wet soil (WS) on the east side of the taxiway south of the Drop Tank Drainage Area No. 1 (Site 6), adjacent to the fairway for the 14th hole of the Marine Memorial Golf Course. The cause of the wetting is probably golf course irrigation water. However, expansion of the Drop Tank Drainage Area No.1 (Site 6) field investigation program to include this area is recommended.

c 127. A stain (ST) or wet soil (WS) can be seen on the south side of S 6th Street and Z Street, about 200 feet southwest of Building 457. Additional investigation of this feature may be advisable.

c 128. There are wet soil (WS) and liquid (LQ) flowing southwesterly from Tank 459, about 400 feet westerly of El Toro Road and Z Street. It is probably drainage from the water storage facility and related to maintenance. No additional investigation is recommended at this time.

c 129. There is an impoundment (IM) and six (6) vertical tank (VT) near South Marine Way, S 15th Street and Plant Road. Verification of the tanks and determination of their contents are recommended. The Sludge Drying Beds (Site 12) investigation area should be expanded to include this area.

c 130. Stains (ST) and disturbed ground (DG) occur near the northerly and easterly sides of Building 1585, located about 200 feet north of the Mess Hall (Building 322). The site appears to be parking area. Review of site the history is recommended.

b 131. Liquid (LQ) appears to be flowing from hangar (Building 296) at the southeast corner of the aircraft parking apron. The flow discharges into the ditch east of the apron. Investigation of the ditch is advisable.

b 132. There are stains (ST) in the proximity of Building 1749, near South Marine Way and R Street. The site may not be wholly contained within the DRMO Storage Yard investigation area. Because the staining persists for several years, additional investigation is recommended.





Aerial Photographic Interpretation
MCAS El Toro
Santa Ana, California

1964

Figure 8

Sheet 1 of 2

September 16, 1964

Photo Number C-24848, VII-ORA-5, 2-25

Source: Map and Imagery Library,
University of California, Santa Barbara

Prepared for:

Southwest Division
Naval Facilities Engineering Command
Contract N68711-92-D-4658

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
B	Building	IM	Impoundment
D	Drums	LQ	Liquid
DB	Debris	LT	Light-Toned
DG	Disturbed Ground	M	Material
DK	Dark-Toned	MM	Mounded Material
EX	Excavation	OS	Open Storage
EXT	Extraction	R	Refuse
FA	Fill Area	ST	Stain
FBR	Fuel Bladder	TR	Trench
	Revetment	UO	Unidentified Object
GR	Graded Area	VT	Vertical Tank
GS	Ground Scar	WS	Wet Soil
HT	Horizontal Tank		



1000' 0 1000' 2000'



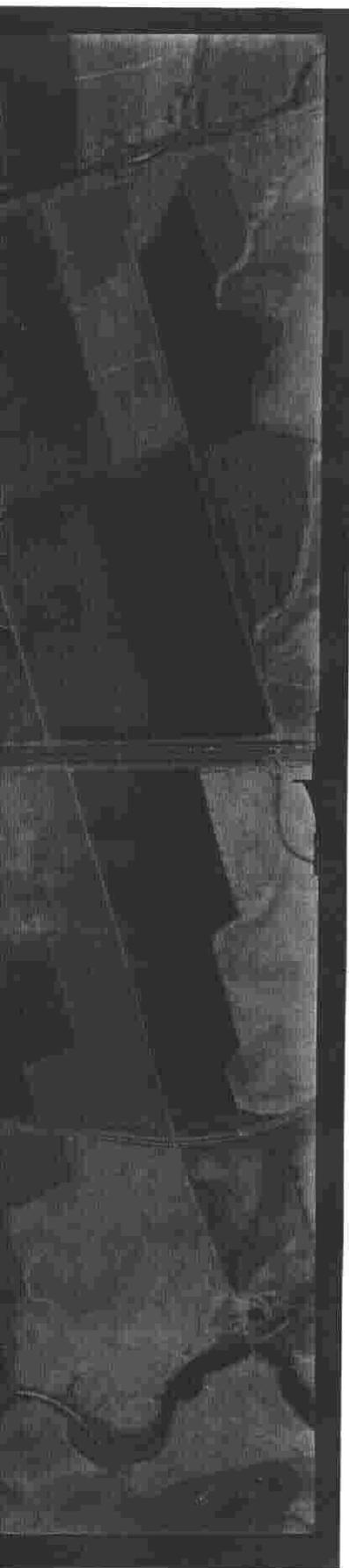
1" = 1200'

SAIC Science Applications
International Corporation
® An Employee-Owned Company



VIL-ORA-5 2-27

9-16-64



Aerial Photographic Interpretation
MCAS El Toro
Santa Ana, California
1964

Figure 8

Sheet 2 of 2

September 16, 1964

Photo Number C-24848, VII-ORA-5, 2-27

Source: Map and Imagery Library,
University of California, Santa Barbara

Prepared for:

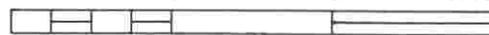
Southwest Division
Naval Facilities Engineering Command
Contract N68711-92-D-4658

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
B	Building	IM	Impoundment
D	Drums	LQ	Liquid
DB	Debris	LT	Light-Toned
DG	Disturbed Ground	M	Material
DK	Dark-Toned	MM	Mounded Material
EX	Excavation	OS	Open Storage
EXT	Extraction	R	Refuse
FA	Fill Area	ST	Stain
FBR	Fuel Bladder	TR	Trench
	Revetment	UO	Unidentified Object
GR	Graded Area	VT	Vertical Tank
GS	Ground Scar	WS	Wet Soil
HT	Horizontal Tank		



1000' 0 1000' 2000'



1" = 1200'

SAIC Science Applications
International Corporation
® An Employee-Owned Company

2.7 1964 PHOTOGRAPHS

FIGURE: 8
DATE: 16 SEPTEMBER 1964
PHOTOGRAPHS: C24848, VII-ORA-5-225 and C24848, VII-ORA-5-227
NOTE: The photographs have poor resolution, do not cover the entire site, and provide only partial stereographic coverage.

c 133. There is a dark-toned unidentified object (UO), a possible stained (ST) area, and wet soil (WS) or an excavation (EX) south of Perimeter Road near the railroad tracks. Additional investigation is recommended.

c 134. Light-toned mounded material (MMLT) can be seen on the north side of the railroad tracks near the approach end of Runway 34R. The materials appear to be soil and vegetation from earthmoving activities. No additional investigation is recommended at this time.

c 135. There are a trench (TR) and disturbed ground (DG) about 1000 feet northeast of the area noted in the previous comment. The disturbed ground may be a backfilled trench. Purpose of the activity is unknown, but it could be a disposal site. Additional investigation is recommended.

c 136. There are four probable vertical tanks (VT) on the southeast side of the railroad tracks, southeast of the features noted in the previous comment. The tanks may be used for chemical or fuel storage. Verification of the tanks and determination of their contents are recommended.

* 137. Stains (ST) are observed in the cleared or graded area easterly of Building 360 and the DRMO Storage yard (Site 8). Additional investigation of the site is recommended due to the persistence of the features over several years, and the use of the area for open storage.

* 138. There is an open storage (OS) area about 500 feet southeasterly of the southeast corner of the aircraft parking apron. There are also probable stains (ST) and probable drums (D). The Drop Tank Drainage Area No. 2 (Site 7) investigation area should be expanded to include this area.

* 139. Stains (ST) can be seen in the vicinity of Building 325, near S 14th Street and R Street. The cause is unknown and additional investigation is recommended.

* 140. Stains (ST) can be seen on westerly side of Building 324, near S 14th Street and R Street. Additional investigation is recommended.

* 141. There are stains (ST) in the general area of Buildings 309, 311 and 312, between South Marine Way and S 14th Street and O Street. There is probable liquid (LQ) flow toward the northeast from near Building 312. Additional investigation is recommended.

* 142. Stains (ST) are common in the open area within and southerly of the Petroleum Disposal Area (Site 10). Additional investigation in southern portion of area is advisable to supplement the current IR program field investigation.

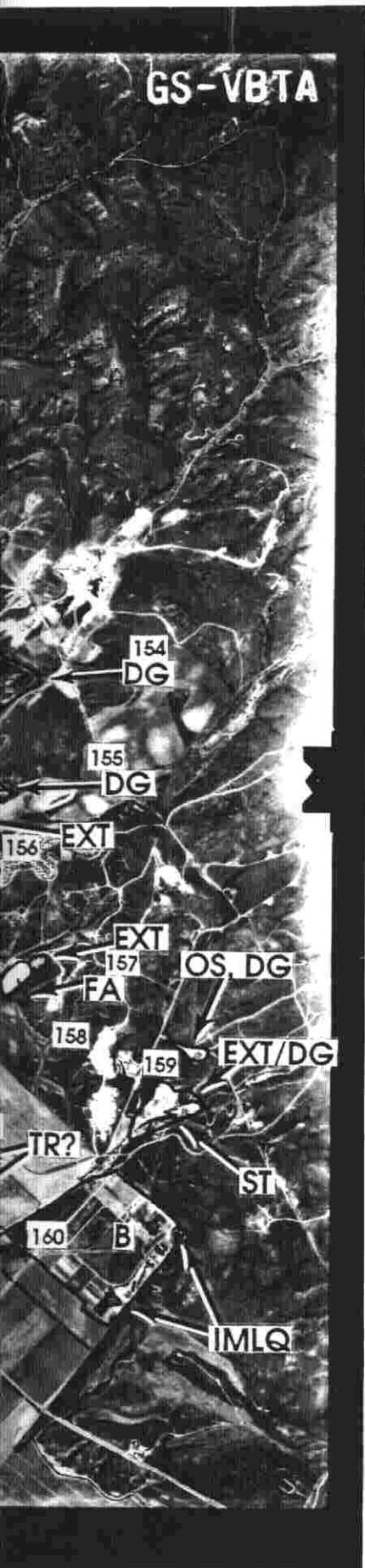
* 143. A probable excavation (EX) is noted southwest of the Battery Acid Disposal Area (Site 14). Expansion of the Site 14 field investigation to include this site is recommended.

* 144. There are a probable trench (TR) and excavation (EX) southwest of the Battery Acid Disposal Area (Site 14). Photographs from 1961 suggest that the feature may be an access road and turn-around loop. Expansion of the Site 14 field investigation to include this site is recommended.

5-7-67

1-34





Aerial Photographic Interpretation
 MCAS El Toro
 Santa Ana, California

1967

Figure 9

Sheet 1 of 1

June 27, 1967

Photo Number GS-VBTA-1-34

Source:

U.S. Geological Survey

Prepared for:

Southwest Division

Naval Facilities Engineering Command

Contract N68711-92-D-4658

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
B	Building	IM	Impoundment
D	Drums	LQ	Liquid
DB	Debris	LT	Light-Toned
DG	Disturbed Ground	M	Material
DK	Dark-Toned	MM	Mounded Material
EX	Excavation	OS	Open Storage
EXT	Extraction	R	Refuse
FA	Fill Area	ST	Stain
FBR	Fuel Bladder	TR	Trench
	Revetment	UO	Unidentified Object
GR	Graded Area	VT	Vertical Tank
GS	Ground Scar	WS	Wet Soil
HT	Horizontal Tank		



3000' 0 3000' 6000'



1" = 2667'

SAIC Science Applications
 International Corporation
 An Employee-Owned Company

2.8 1967 PHOTOGRAPHS

FIGURE: 9
DATE: 27 JUNE 1967
PHOTOGRAPH: GS-VBTA-1-34
NOTE: The scale of this photograph is poor, rendering recognition and identification of small features difficult.

c 145. Wet soil (WS) can be seen on the northerly side of Building 1793, and wet soil (WS) with probable liquid (LQ) occurs near the edge of the aircraft parking apron near the Base Operations facilities. Additional investigation is recommended.

c 146. Liquid (LQ) is flowing easterly from the northerly side of Building 1798 in the Rodeo Area. Additional investigation is not recommended at this time.

c 147. Apparent soil stains (ST) form three parallel lines on the westerly side of Building 139, near N 9th Street and M Street. Additional investigation is recommended.

c 148. There is an area of disturbed ground (DG), with four, dark-toned, rectangular features, in the southerly portion of Tank Farm No. 4. Additional investigation is recommended.

c 149. There appears to be liquid (LQ) flowing northerly from Building 114, near N 8th Street and S Street. Additional investigation is recommended.

c 150. There are soil stains (ST) and probable liquid (LQ) flowing southerly from the former building located about 550 feet south of Building 392 (Motor Pool). Additional investigation is recommended.

c 151. No significant changes are noted at the South Coast Agriculture Field Station.

c 152. There appears to be continuing development for an unknown purpose in the former quarry (EXT) south of Lambert Reservoir. Additional investigation is recommended if contamination is identified near the site, or downgradient of the site, in areas of interest to the IR program.

c 153. No significant changes are noted at the Rifle Range at the northern tip of the activity. However, there are disturbed ground (DG) and buildings (B) adjacent to the northwest corner of the range. This appears to be an agricultural area, and as such, fuel, solvents, oil, pesticides, fertilizers, and other potential contaminants may have been used or stored at the site. Additional investigation may be advised if contamination is detected near the site, or downgradient of the site, in areas of interest to the IR program.

c 154. There are buildings (B), cultivation and disturbed ground (DG) in the industrial or agricultural complex south of Lambert Reservoir. Fuel, solvents, oil, pesticides, fertilizers, and other potential contaminants may have been used or stored at the site. Additional investigation may be advised if contamination is detected near the site, or downgradient of the site, in areas of interest to the IR program.

c 155. Disturbed ground (DG), probably due to vegetation clearing, is noted northwesterly of the activity's residential area. The purpose is unknown and no additional investigation is recommended at this time.

c 156. Extraction (EXT) can be observed near the mouth of Agua Chinon Wash. There appears to be dark-toned material, possibly refuse (R) or liquid (LQ), in the eastern portion of the excavation. Additional investigations to determine if potential contaminants were placed in the quarry is recommended if contamination is detected near the site, or downgradient of the site, in areas of interest to the IR program.

c 157. Areas of extraction (EXT) and filling (FA) are noted at Fuel Road and Quarry Road. If a fuel tank farm exists at this location, an investigation of tank and ancillary equipment integrity is recommended.

c 158. No activity is noted at the Communication Station Landfill (Site 17).

c 159. At the Magazine Road Landfill (Site 2) there is evidence of extraction (EXT), disturbed ground (DG) and stains (ST). In addition, a stain (ST) "path" in the form of a loop appears to have resulted from liquid discharge from a moving vehicle. There is an open storage (OS) area surrounded by disturbed ground (DG) north of the landfill. Quarrying (EXT) of the ridge to the west continues. No additional investigation is recommended at this time; the present IR program field investigation of Site 2 appears to be adequate, relative to the features noted here.

c 160. The County Industrial Farm and sewage disposal area contains two (2) liquid-filled (LQ) impoundment areas (IM) and several buildings (B). Fuel, oil, solvents, pesticides, fertilizers, and other potential contaminants may have been used or stored at the site. Additional investigation is recommended if contamination is detected at the site or downgradient of the site, in areas of interest to the IR program.

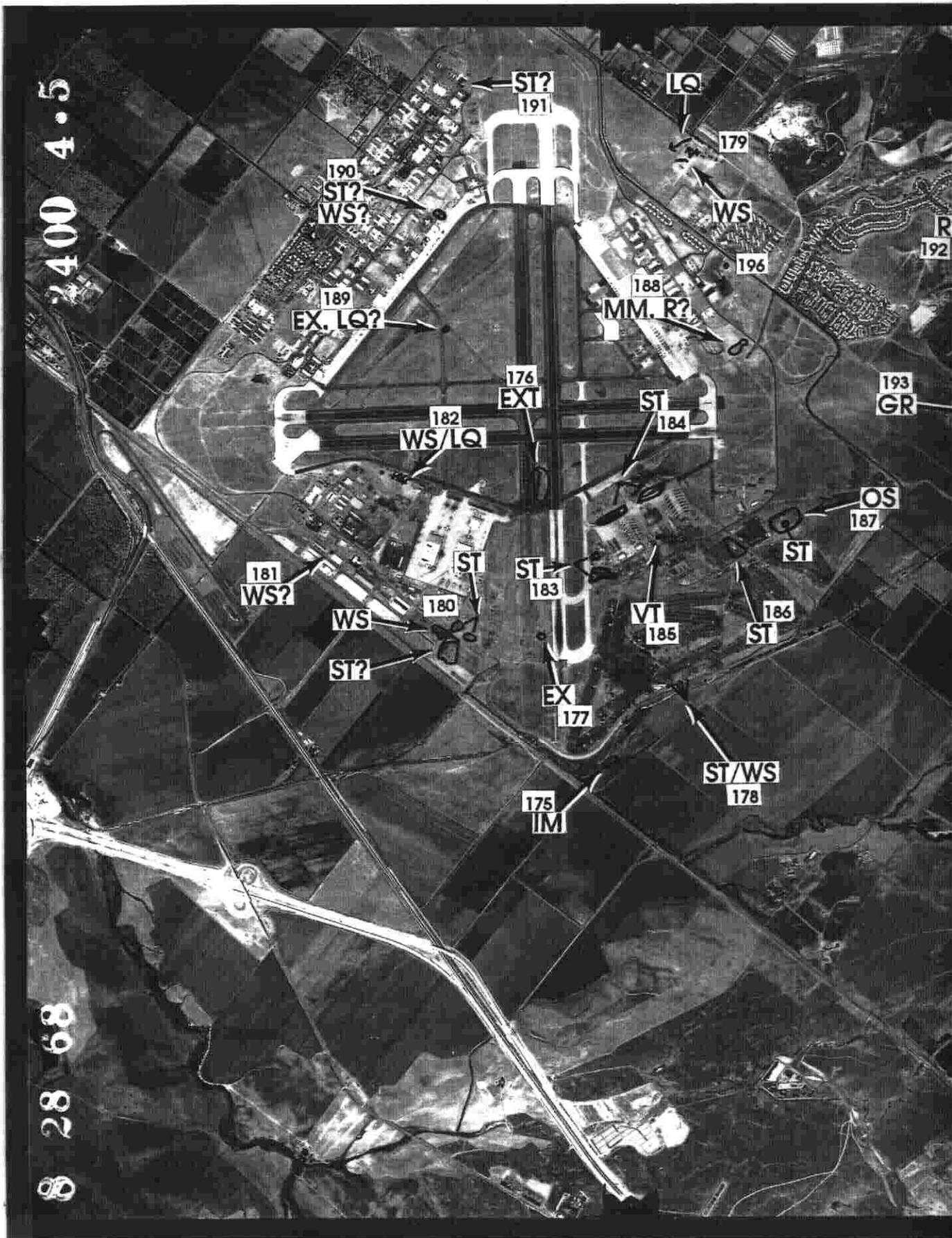
c 161. Disturbed ground (DG) and probable backfilled trenches (TR) are noted in the western corner of Perimeter Road and Magazine Road, and about 1400 feet westerly of the intersection. Additional investigation of the purpose of these sites is recommended. The northeasterly-oriented, backfilled trench (TR) adjacent to Perimeter Road is the Perimeter Road Landfill (Site 5). No additional investigation of Site 5 is recommended at this time. The present IR program field investigation Site 5 appears to be adequate, relative to the features noted here.

- c 162. There are stains (ST) adjacent to El Toro Boulevard between Z Street and East Marine Way that appear to have been caused by liquid discharged from a moving vehicle. Additional investigation is recommended.
- c 163. An excavation (EX) with probable liquid (LQ) can be seen about 250 feet south of Tank 459, south of El Toro Boulevard and Z Street. Additional investigation is recommended.
- c 164. There is a possible excavation (EX) containing liquid (LQ) about 500 feet southeast of N 3rd Street and North Marine Way. Additional investigation is recommended.
- c 165. There is an open storage (OS) area with possible drums (D) near the ninety-degree curve in N 3rd Street, near North Marine Way. Additional investigation is recommended.
- c 166. A vertical tank (VT) can be observed adjacent to the easterly, angular taxiway extension northeast of ACER (Site 19). The tank is outside of the area of the present IR program field investigation. The contents of the tank should be investigated, and the area included in the current IR program field investigation, if appropriate.
- a 167. Extensive staining (ST) at Crash Crew Pit No. 1. (Site 9), Petroleum Disposal Area (Site 10) and the TAFDS (Site 22). No additional investigation is recommended at this time; the present IR program field investigation of Site 9 appears to be adequate, relative to the features noted here.
- c 168. There is an open storage (OS) area with probable drums (D) adjacent to the southwest corner of the aircraft parking apron near Buildings 388 and 655. Expansion of the Petroleum Disposal Area (Site 10) to include this area is recommended.
- c 169. An excavation (EX) is noted southwest of the Battery Acid Disposal Area (Site 14). Expansion of the Site 14 field investigation to include this site is recommended.
- a 170. There are ground stains (ST) near the Oil Change Area (Site 13). No additional investigation is recommended at this time; the present IR program field investigation of Site 13 appears to be adequate, relative to the features noted here.
- c 171. A probable vertical tank (VT) can be seen about 550 feet east of Crash Crew Pit No. 2 (Site 16). The tank should be verified and its contents determined.
- c 172. There are stains (ST) and possible drums (D) in an open area near West Marine Way and N 4th Place. Additional investigation is recommended.
- c 173. There are probable fuel bladder revetments (FBR) and possible stains (ST) in an excavated area about 150 and 300 feet northeast of Building 14, at West Marine and N 4th Place. Additional investigation is recommended.

c 174. Liquid (LQ) is flowing westerly from Building 264 and flowing easterly from a small structure toward Building 376, near West Marine Way and N 3rd Street. No additional investigation is recommended at this time.

400 4.5

8 28 68



Aerial Photographic Interpretation
 MCAS El Toro
 Santa Ana, California
 1968

Figure 10

Sheet 1 of 1

August 28, 1968

Photo Number 2400-4-5

Source: Map and Imagery Library,
 University of California, Santa Barbara

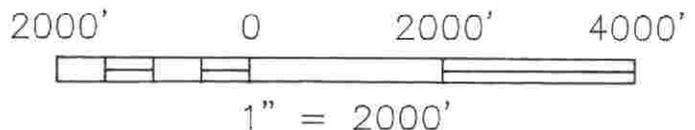
Prepared for:

Southwest Division
 Naval Facilities Engineering Command
 Contract N68711-92-D-4658



LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
B	Building	IM	Impoundment
D	Drums	LQ	Liquid
DB	Debris	LT	Light-Toned
DG	Disturbed Ground	M	Material
DK	Dark-Toned	MM	Mounded Material
EX	Excavation	OS	Open Storage
EXT	Extraction	R	Refuse
FA	Fill Area	ST	Stain
FBR	Fuel Bladder Revetment	TR	Trench
GR	Graded Area	UO	Unidentified Object
GS	Ground Scar	VT	Vertical Tank
HT	Horizontal Tank	WS	Wet Soil



SAIC Science Applications
 International Corporation
 An Employee-Owned Company