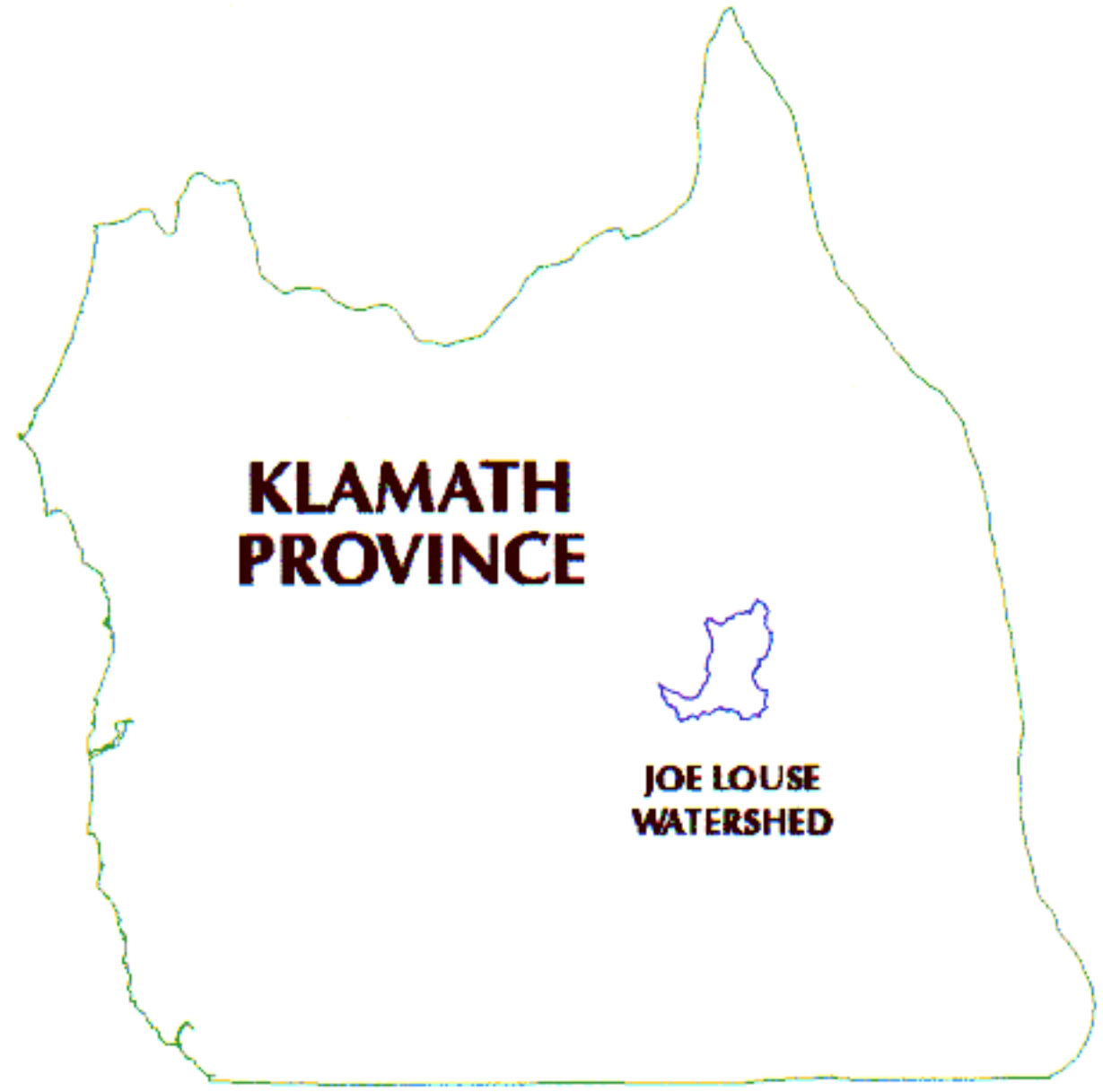


**Appendix A:
Maps**



OREGON



**KLAMATH
PROVINCE**

**JOE LOUSE
WATERSHED**



**GENERAL LOCATION of the
JOE LOUSE WATERSHED**

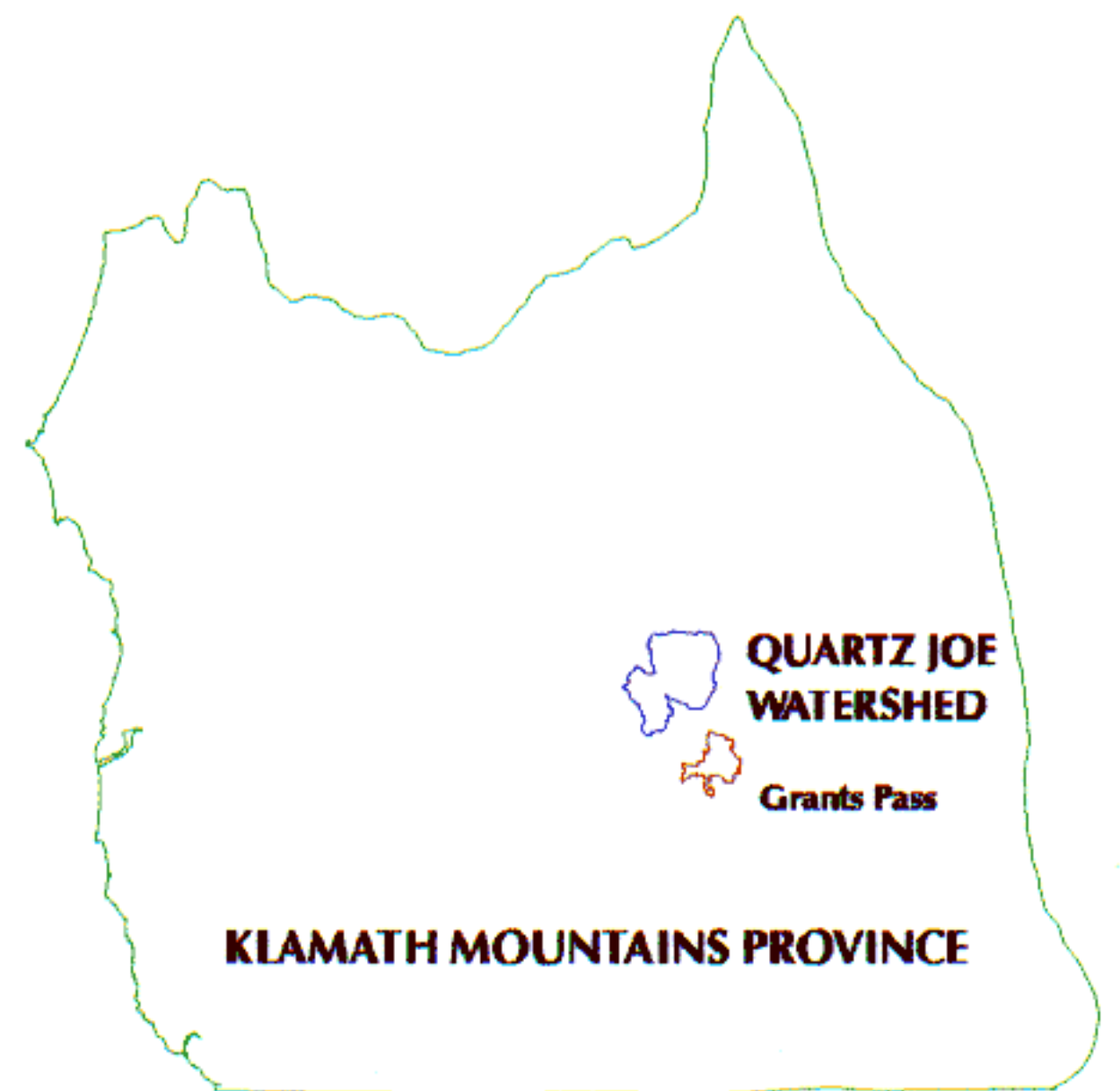
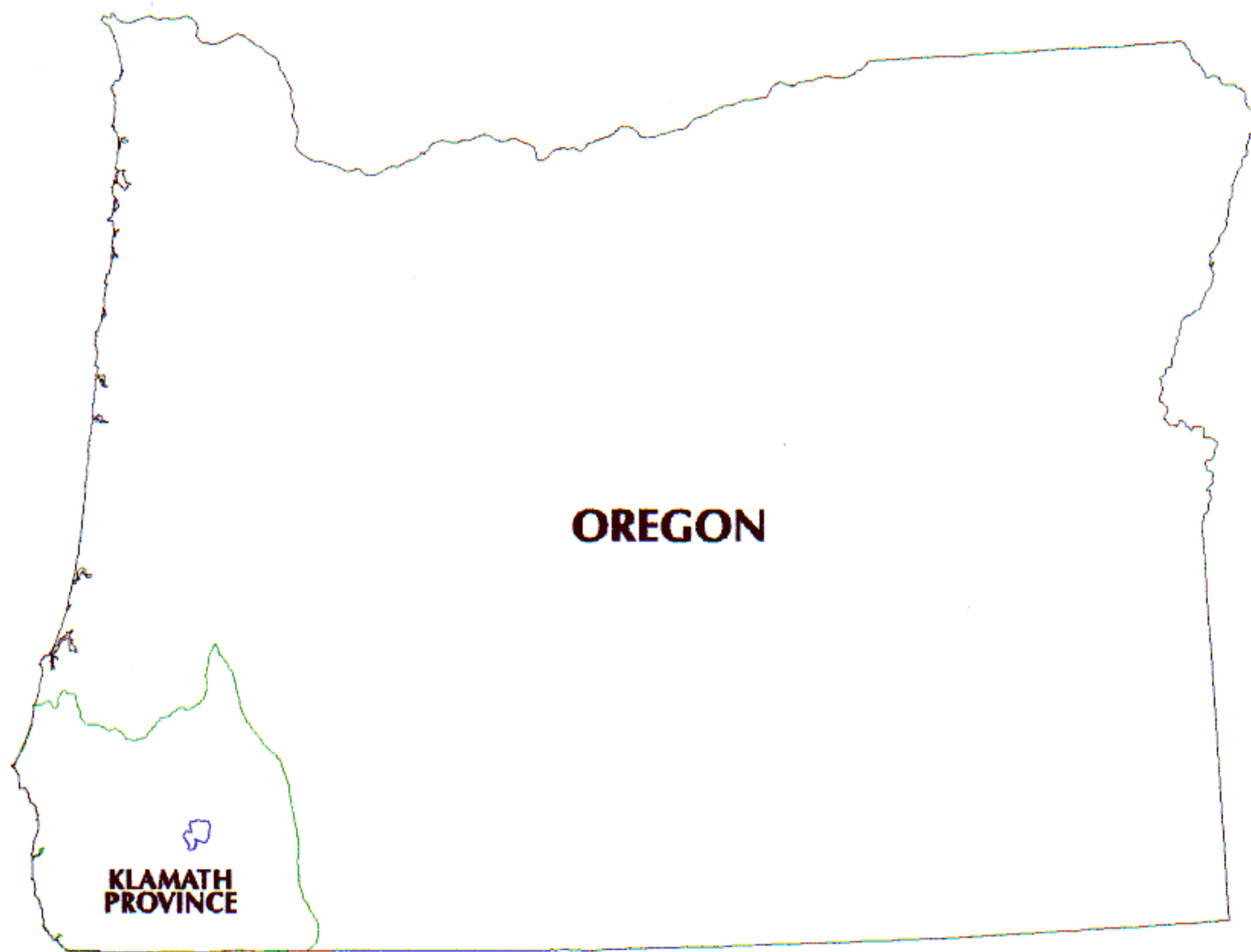


March 28, 1996

Dennis Glover

Map 1a

Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



July 1996

John McClothlin

Map 1b

GENERAL LOCATION OF THE
QUARTZ JOE WATERSHED



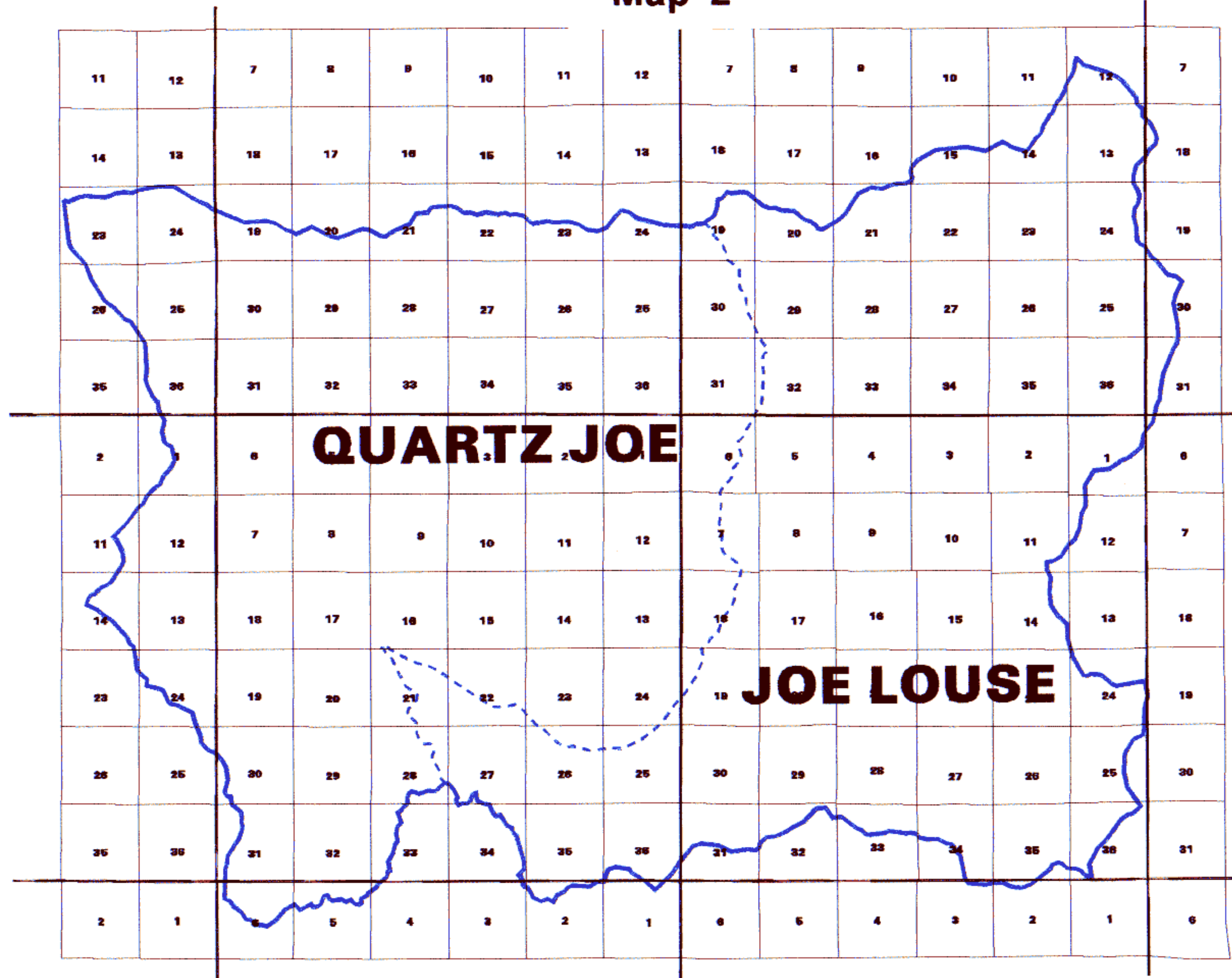
R7W

R6W

Map 2

R5W

R4W



T34S

T35S

T36S

QUARTZ JOE

JOE LOUSE



SCALE 1:125000

LEGEND
 - - - SUBWATERSHED BDRY.
 ——— WATERSHED BDRY.



June 26, 1996
 Dennis Glover

Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

SUB-WATERSHEDS OF THE JUMPOFF JOE WATERSHED (BASED ON HUC6)

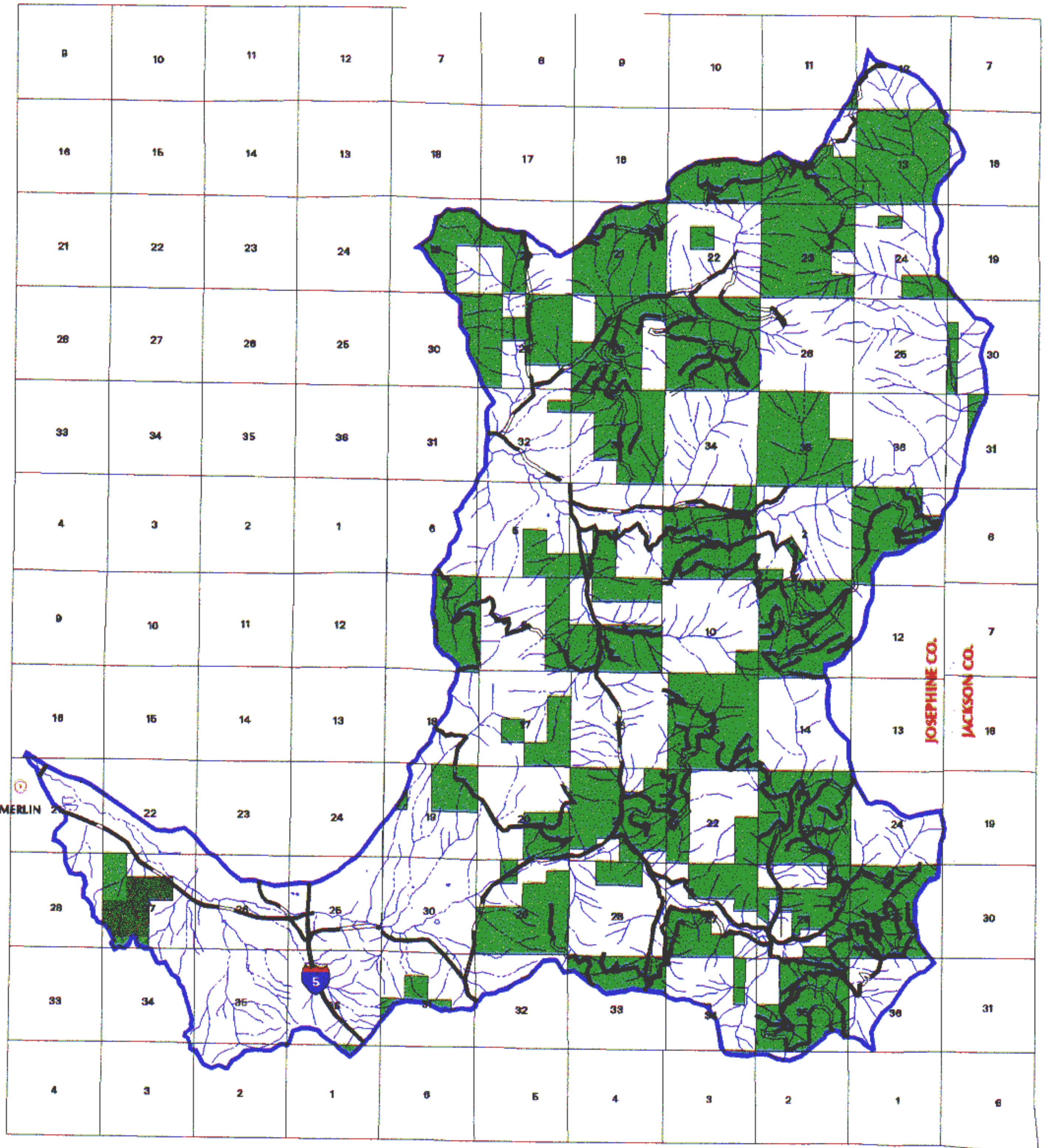
Map 3a

R6W

R5W

T345

T355



SCALE 1:100000



BLM OWNERSHIP JOE LOUSE WATERSHED



APRIL 30 1996

Dennis Glover



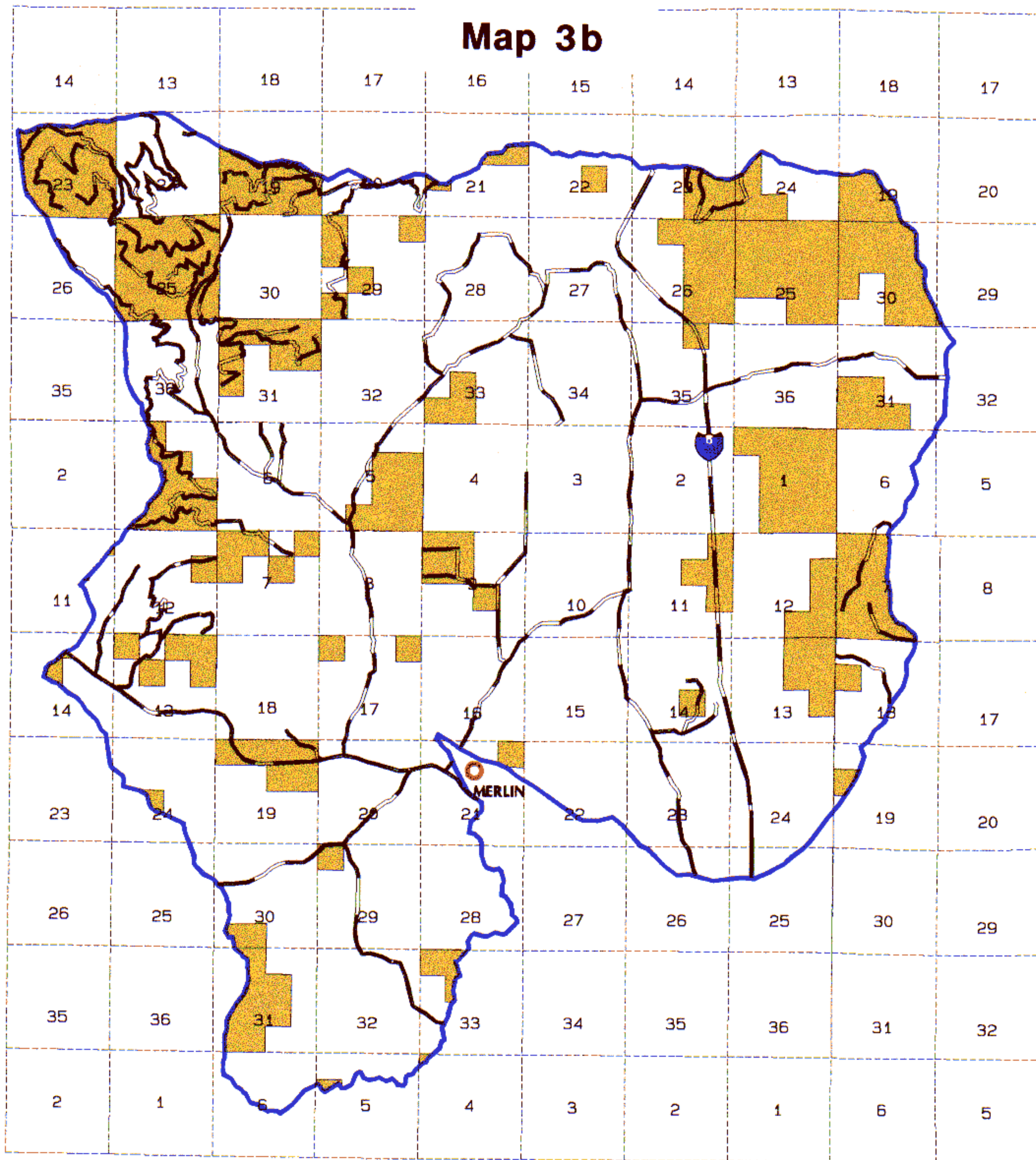
Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

R7W

R6W

R5W

Map 3b



SCALE 1:90000

BLM OWNERSHIP IN THE QUARTZ JOE WATERSHED



July 1996

John McGlothlin



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

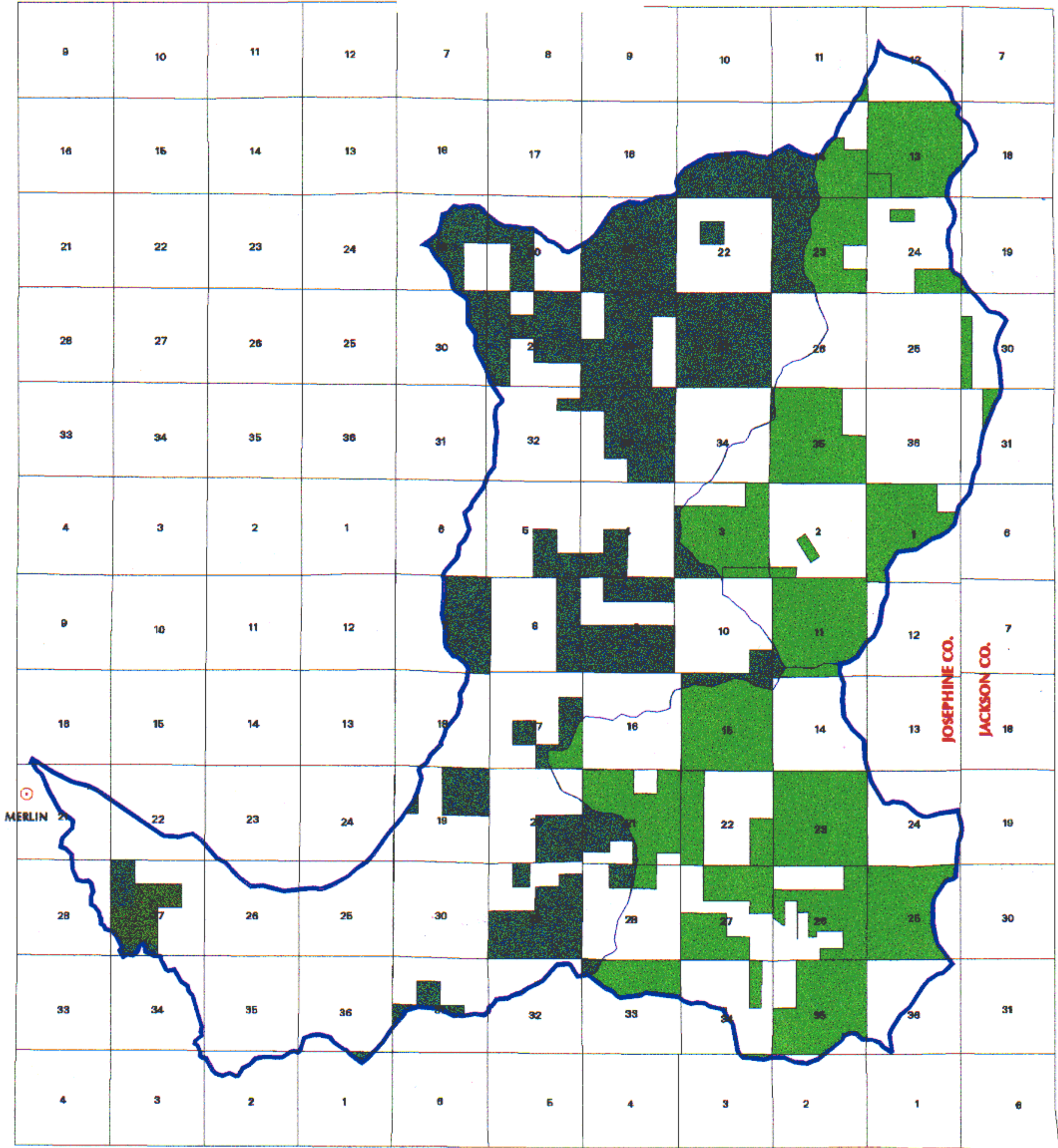
R6W

Map 4a

R5W

T34S

T35S



SCALE 1:100000



LAND USE ALLOCATIONS JOE LOUSE WATERSHED

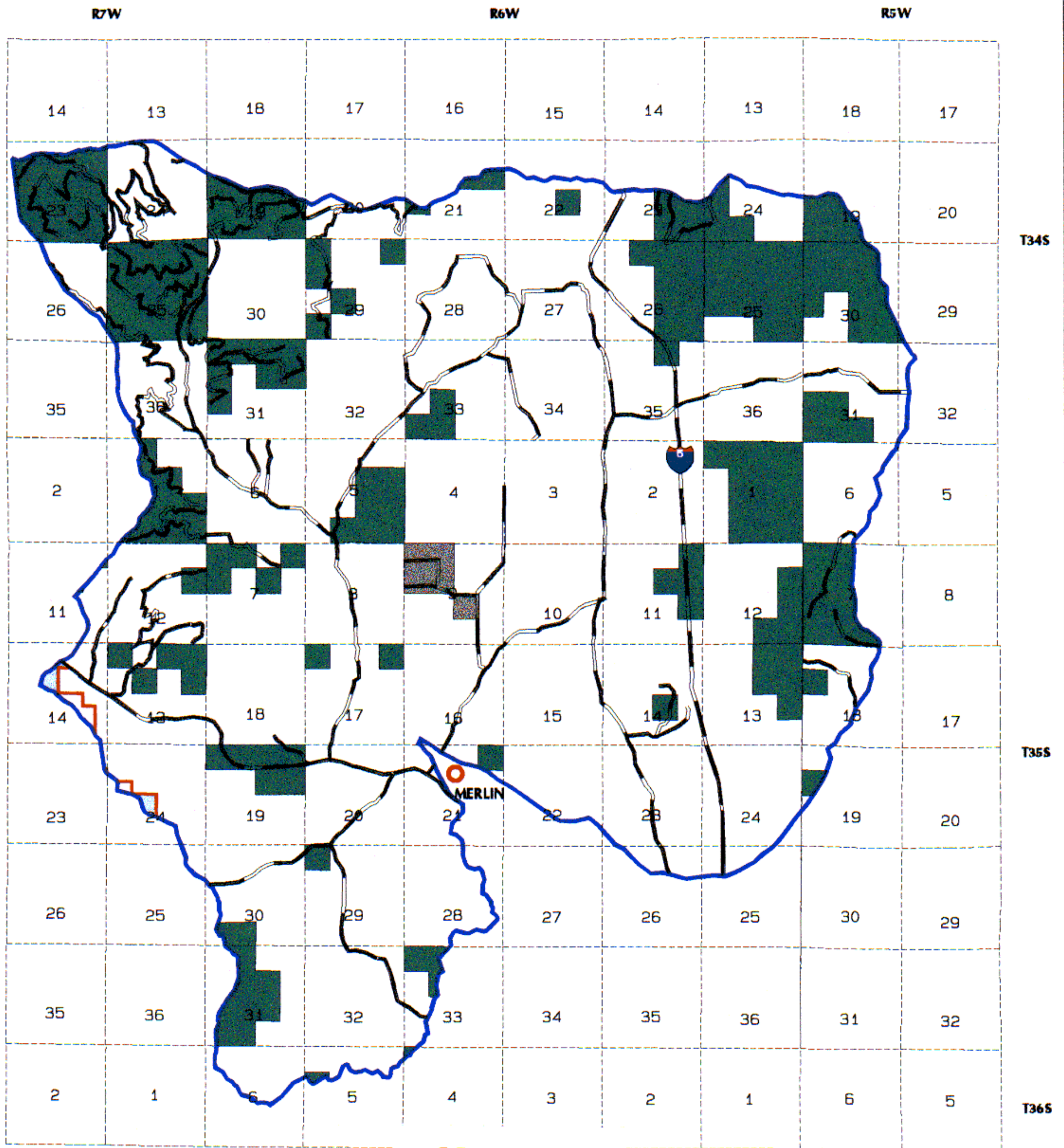


APRIL 30 1996

Dennis Glover

LEGEND	
	MATRIX LAND
	MERLIN LANDFILL
	MATRIX LAND IN DEFERRED WATERSHED
	DEFERRED WATERSHED BOUNDARY
	JOE-LOUSE WATERSHED BOUNDARY

Notes: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Map 4b

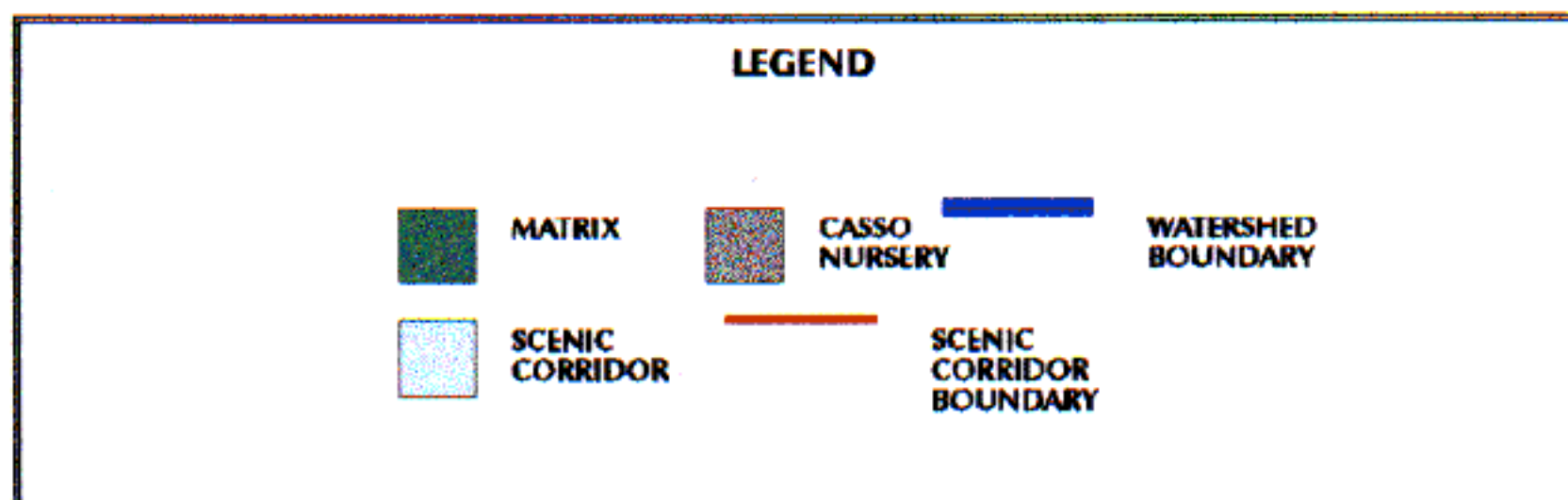
SCALE 1:90000

**LAND USE ALLOCATIONS
QUARTZ JOE WATERSHED**



July 1996

John McGlothlin



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

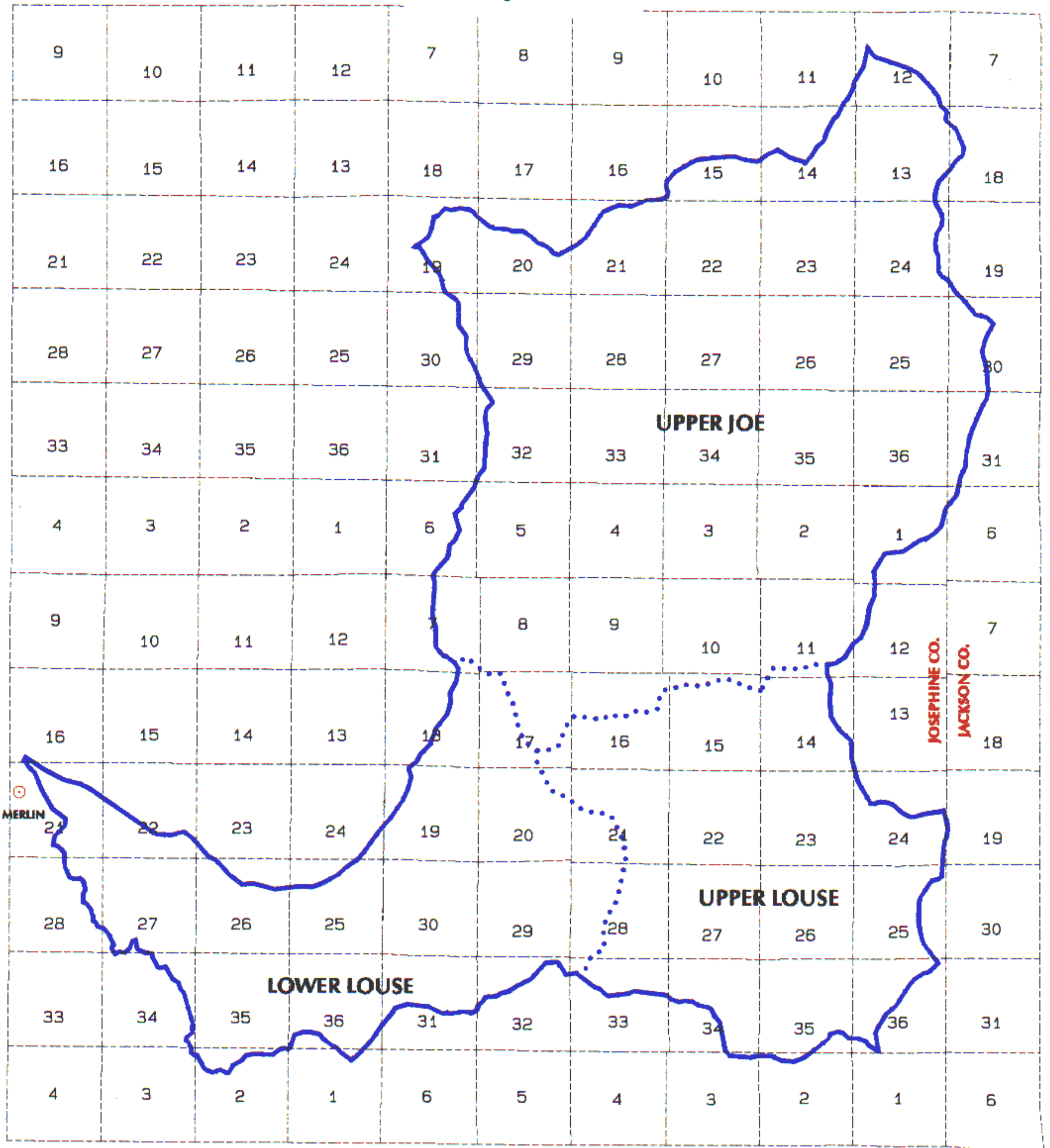
Map 5a

R6W

R5W

T34S

T35S

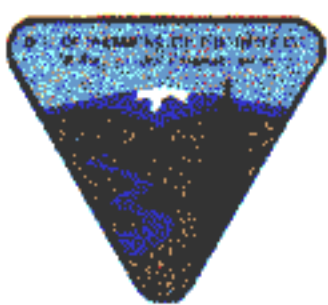


SCALE 1:100000

SUB-WATERSHEDS OF THE JOE LOUSE WATERSHED (BASED ON HUC6)

LEGEND

-  WATERSHED BOUNDARY
-  SUB-WATERSHED BOUNDARIES

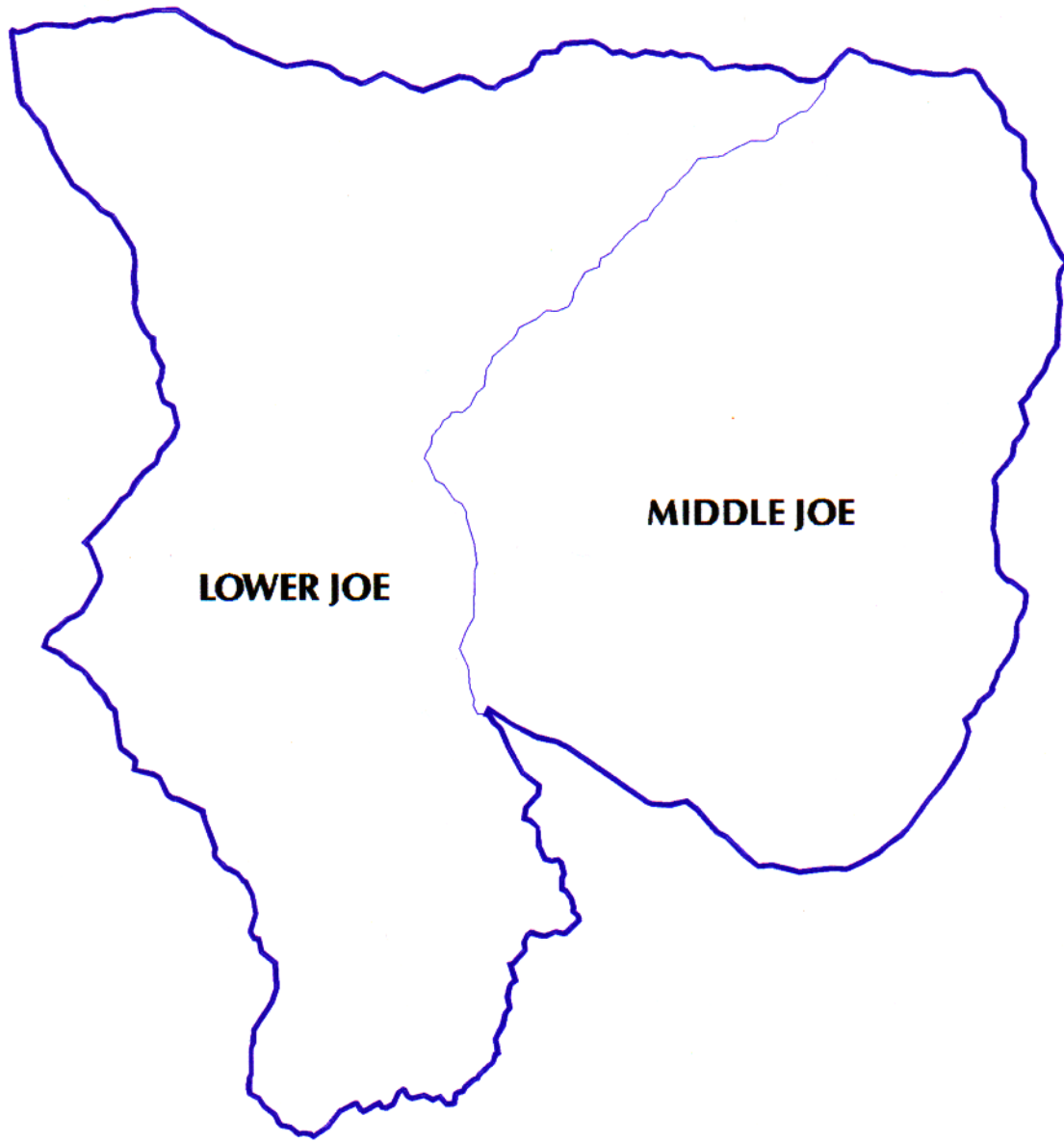


APRIL 26 1996

Dennis Glover

Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

Map 5b



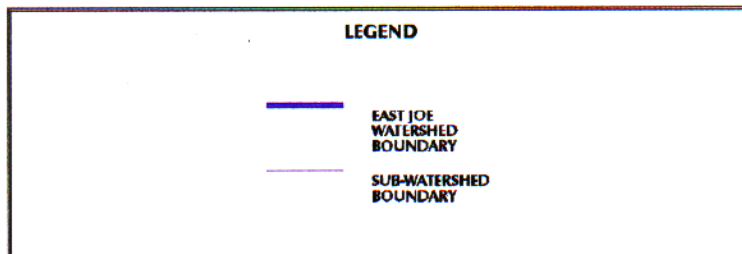
SCALE 1:100000

SUB-WATERSHEDS OF THE QUARTZ JOE WATERSHED (BASED ON HUC6)



July 1996

John McGlothlin



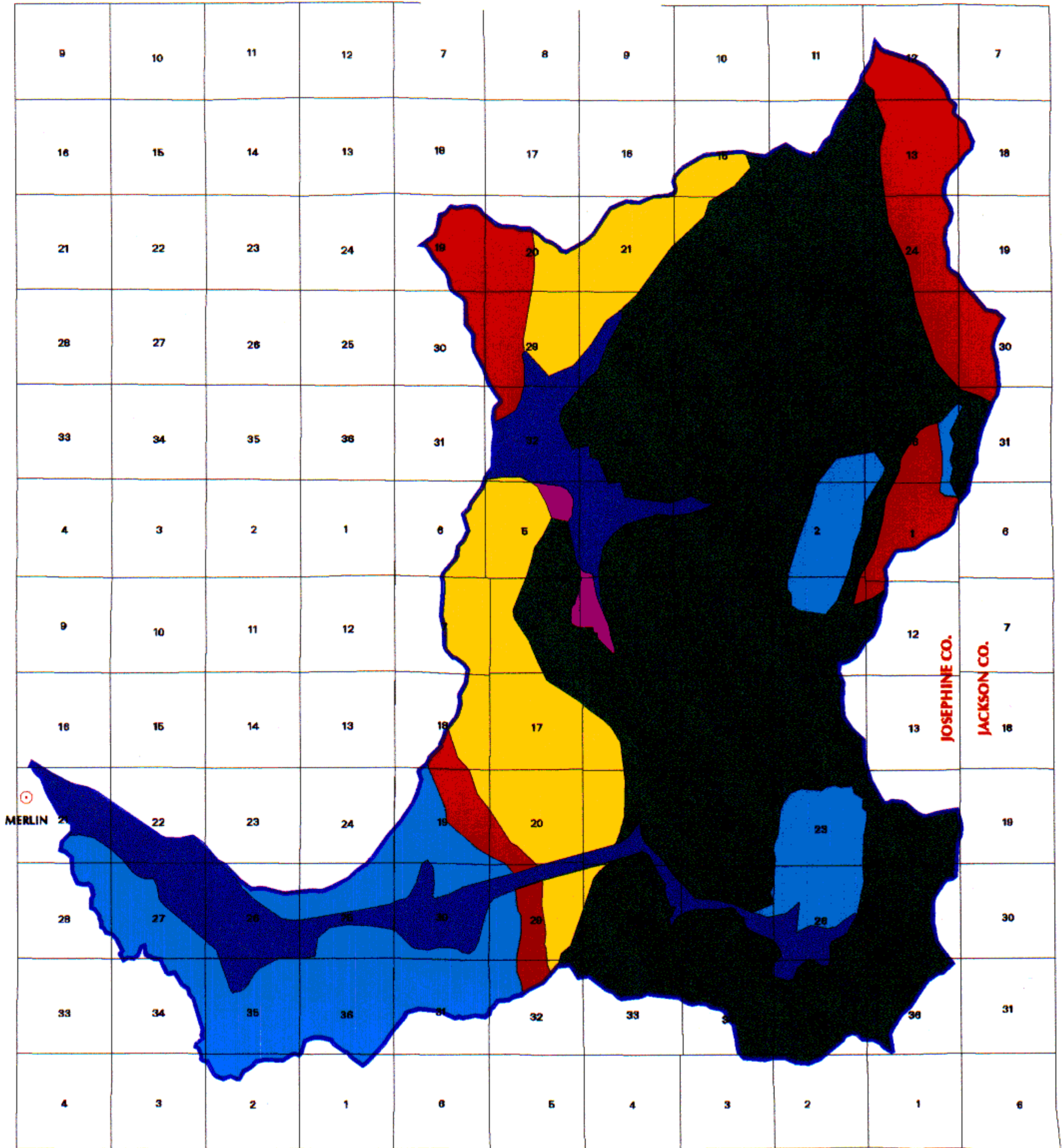
Map 6a

R6W

R5W

T34S

T35S



MERLIN

JOSEPHINE CO.
JACKSON CO.



SCALE 1:100000

LEGEND

- Quaternary Sediment
- Landslide Deposits
- Applegate Group metasediments
- Applegate Group metavolcanics
- Gabbro/Diabase dike rocks
- Qtz Diorite/Granodiorite pluton
- WATERSHED BDY.

GENERAL GEOLOGY IN THE JOE LOUSE WATERSHED



April 14, 1997

Dennis Glover

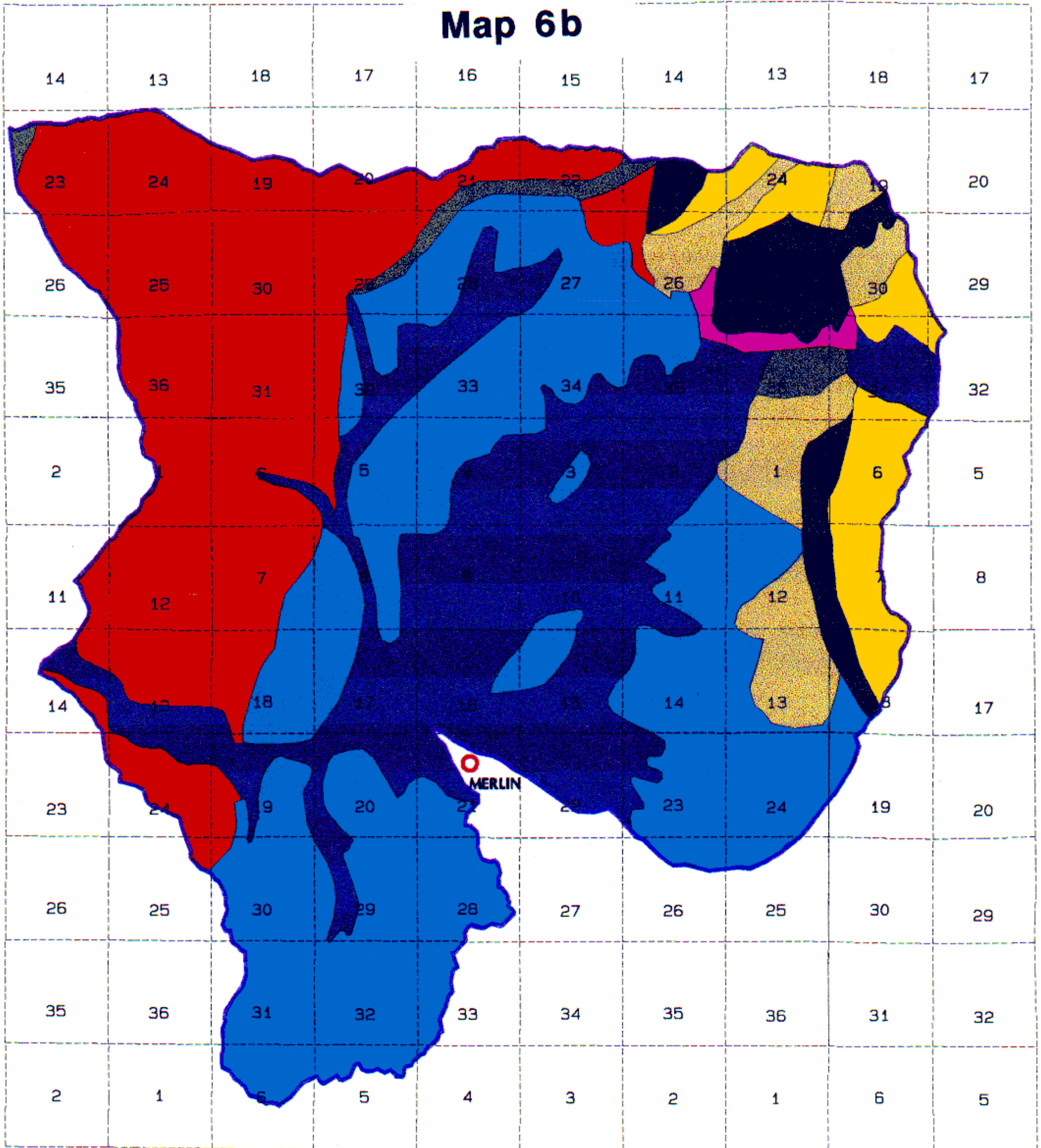
Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

R7W

R6W

R5W

Map 6b



SCALE 1:90000

GENERAL GEOLOGY IN THE QUARTZ JOE WATERSHED



April 1997

John McGlothlin

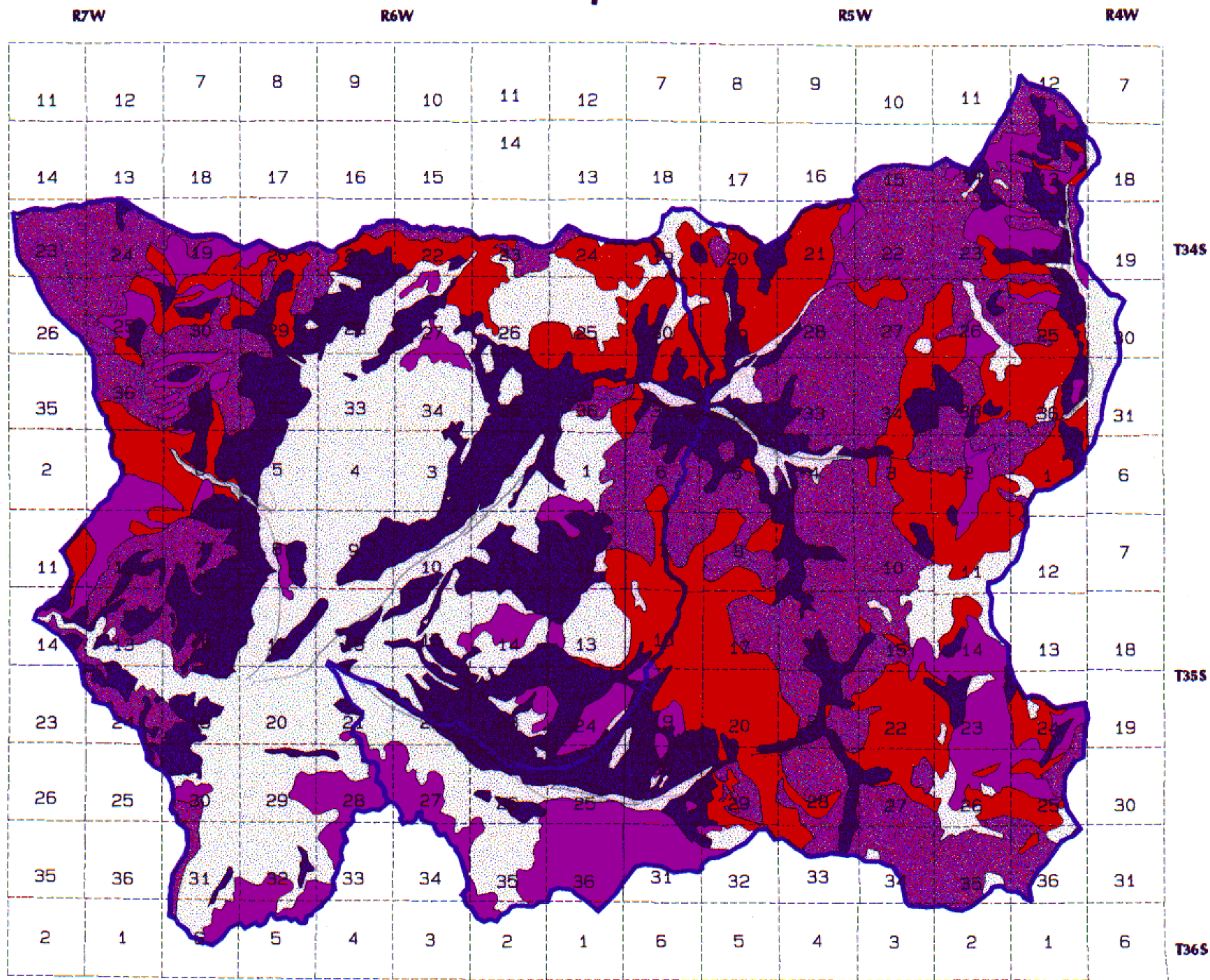
LEGEND

Quaternary Sediment	Applegate Group Metavolcanics	Ultramafic
Metasedimentary	Gabbro/Diabase Dike Rocks	Landslide Deposits
Metavolcanic	Quartz Diorite	WATERSHED BOUNDARY



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

Map 7



SCALE 1:130000

SOIL EROSION HAZARD (No Protection) IN THE JUMPOFF JOE WATERSHED



July 1997

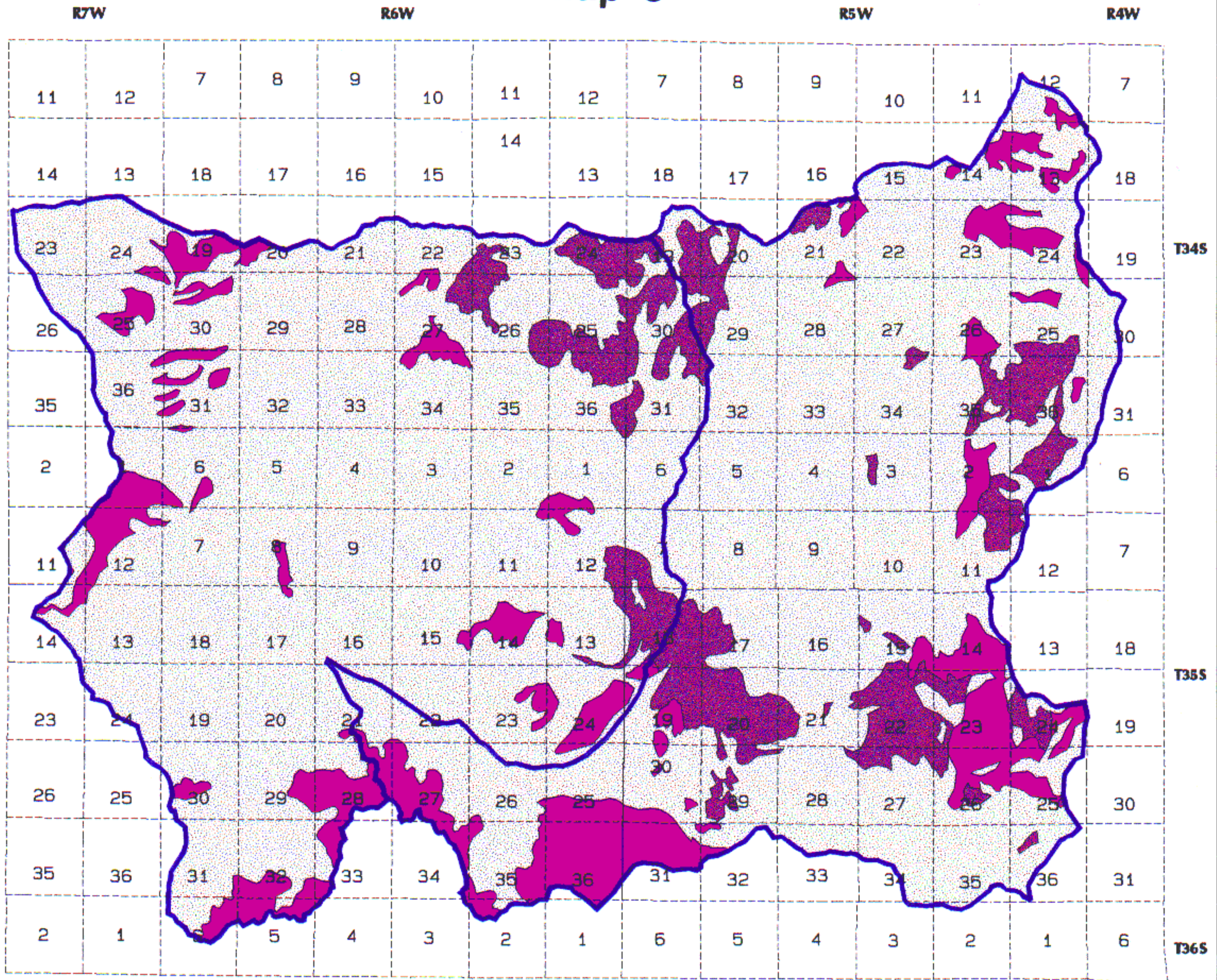
John McGlothlin

LEGEND					
	Very High, Concentrated Flow, Steep Granitic		High, Mass Movement or Concentrated Flow, Steep, Deep, Fine		Other Soils
	High, Concentrated Flow, Steep		High, Stream Bank, Deep, Fine Subsoils or Poorly Drained		WATERSHED BOUNDARY



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

Map 8



SCALE 1:130000

FOREST SOIL PRODUCTIVITY IN THE JUMHOFF JOE WATERSHED



July 1997

John McGlothlin

LEGEND

<p> Sensitive, Granitic</p> <p> Low, Serpentine-Influenced</p>	<p> Other Soils</p> <p> WATERSHED BOUNDARY</p>
--	---



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

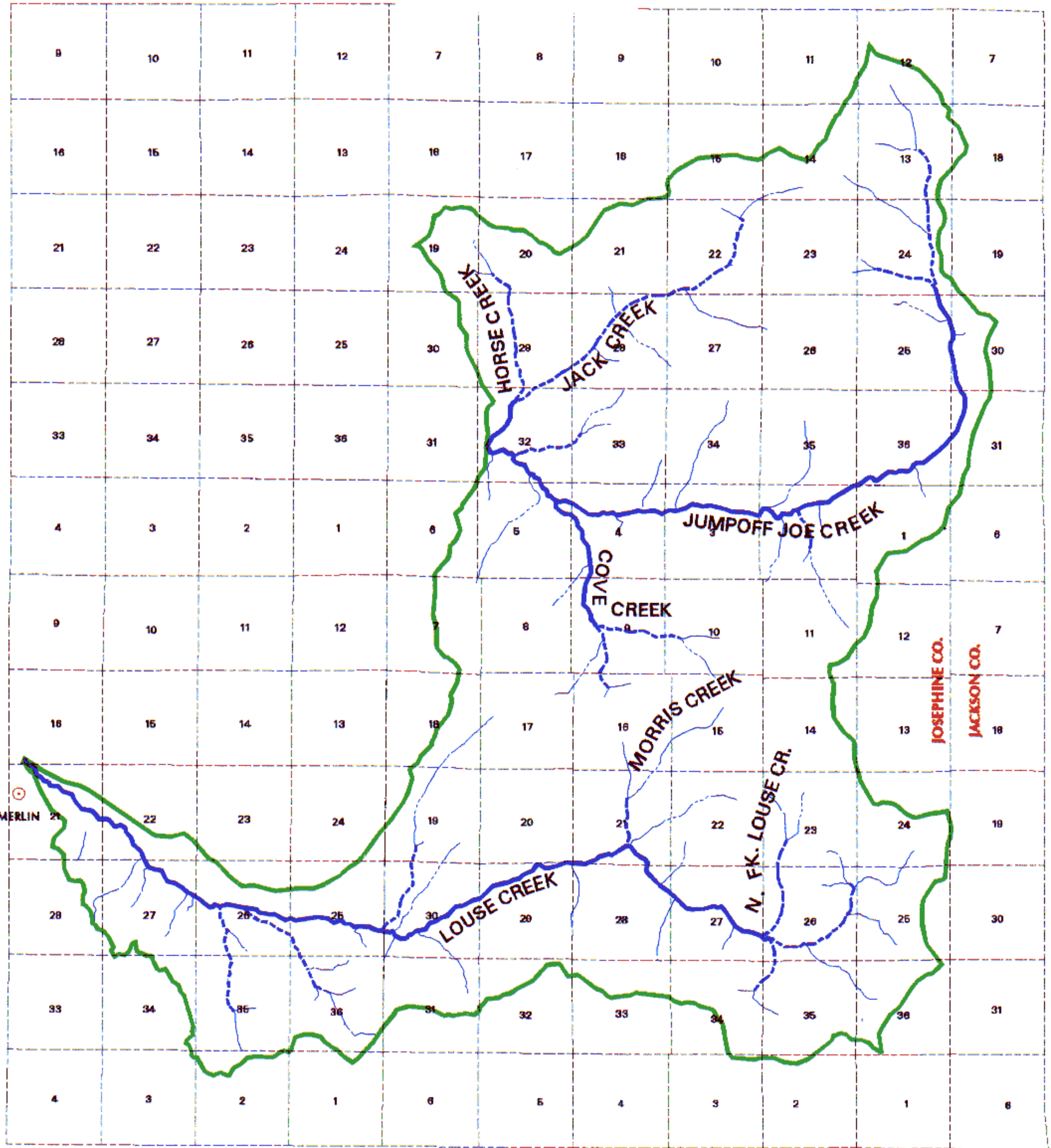
Map 9a

R6W

R5W

T34S

T35S



SCALE 1:100000

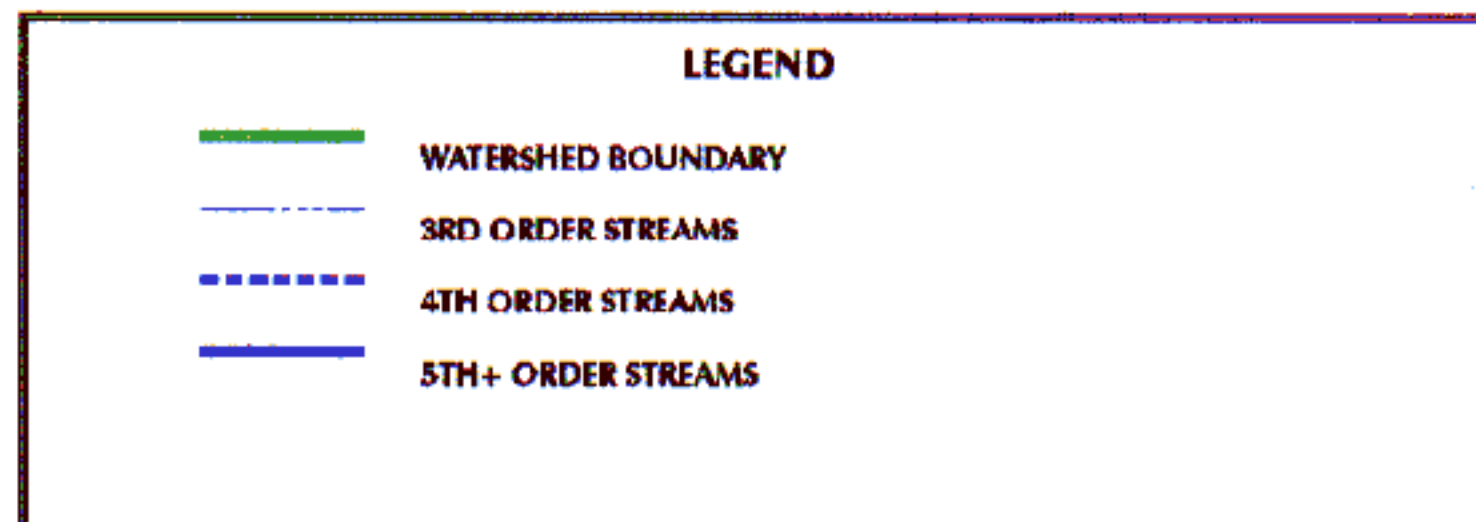


STREAM ORDERS (> 2) JOE LOUSE WATERSHED

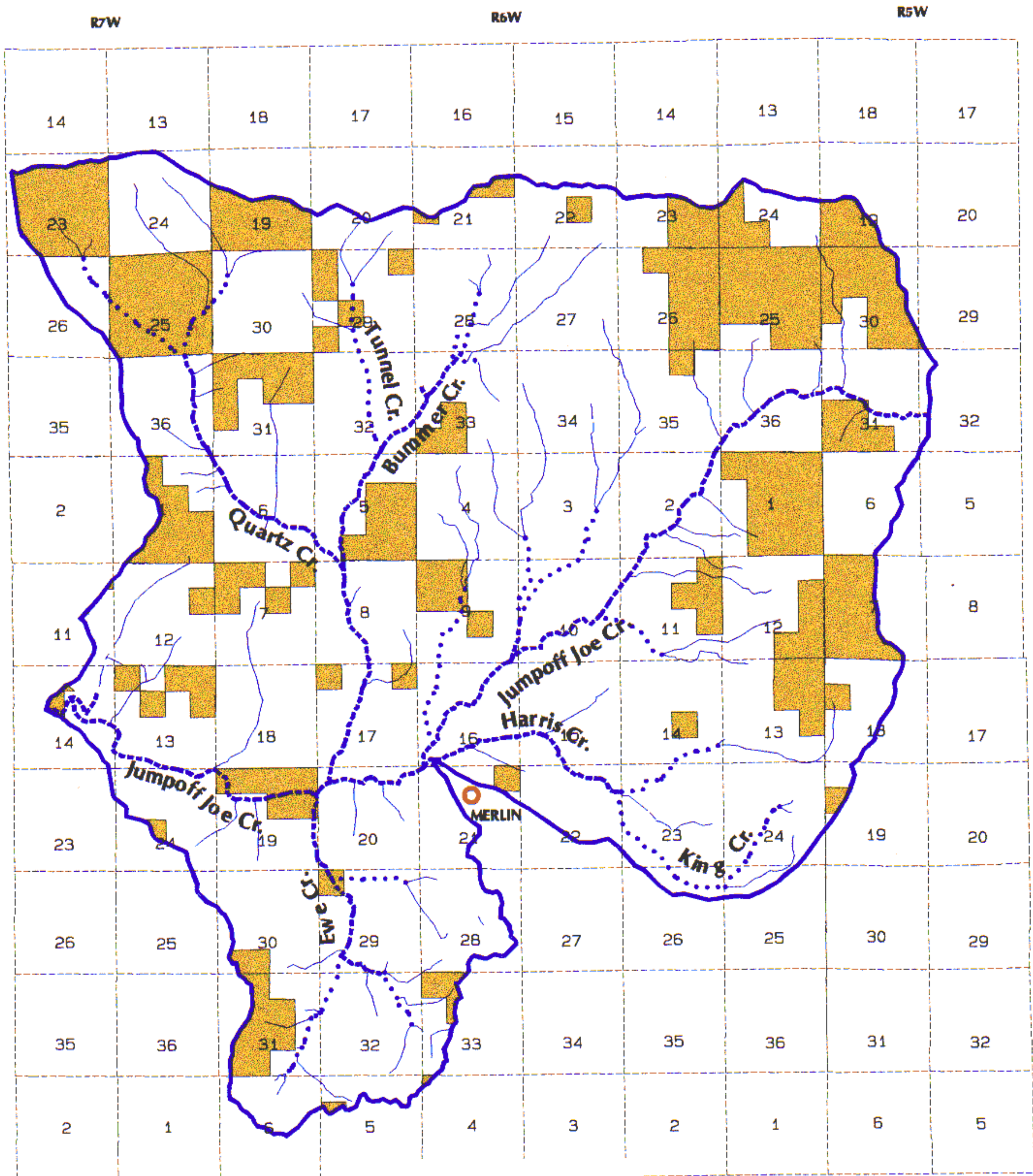


MAY 1, 1996

Dennis Glover



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Map 9b

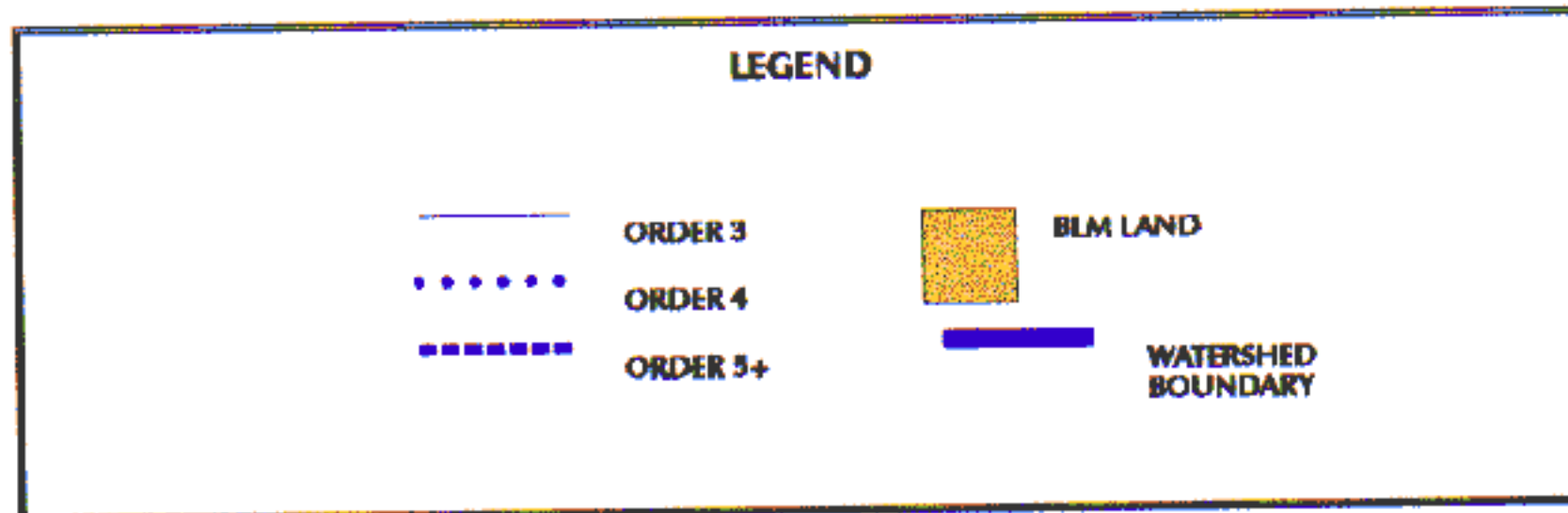
SCALE 1:90000

**STREAM ORDERS (> 2)
QUARTZ JOE WATERSHED**



July 1996

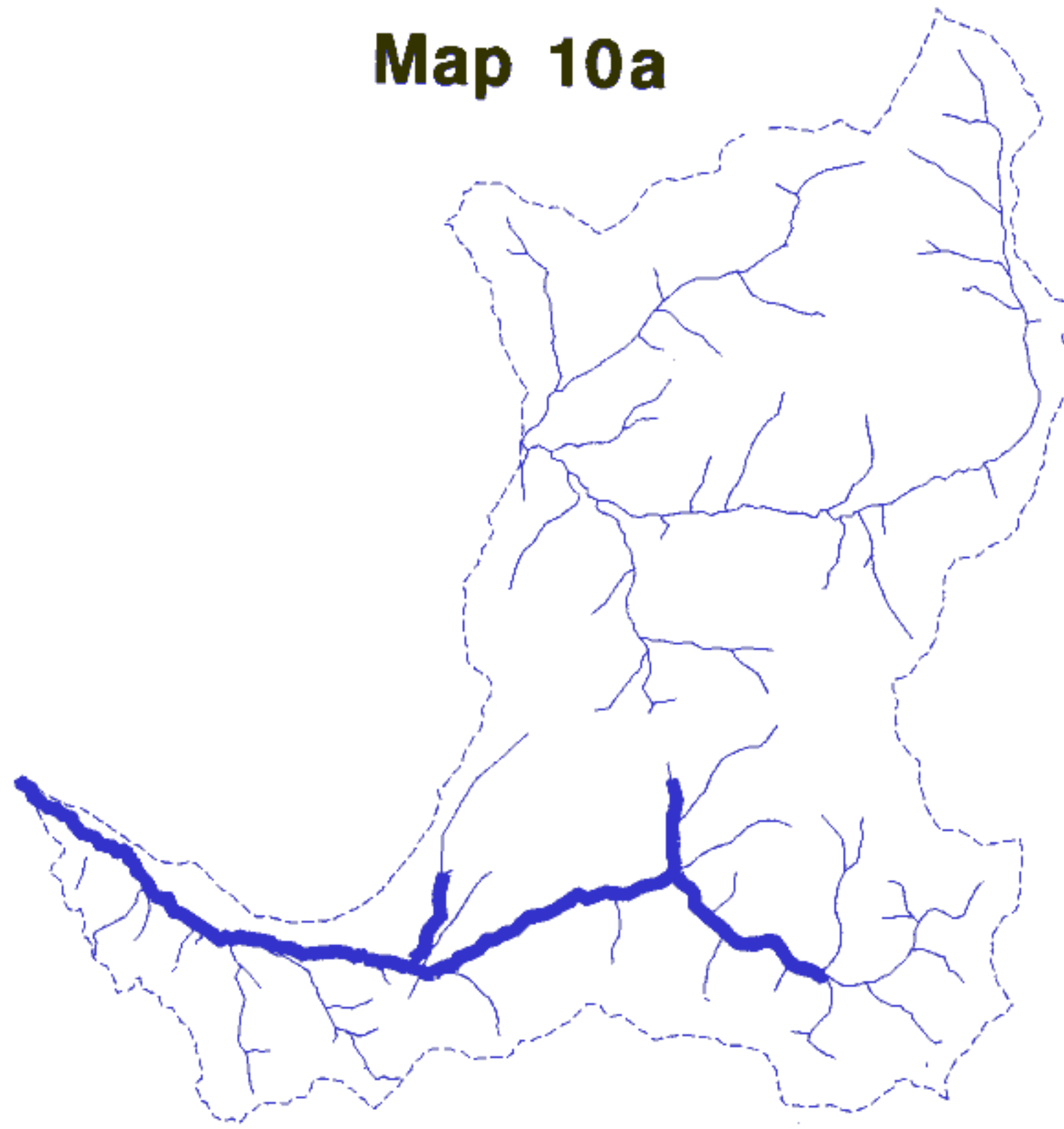
John McGlothlin



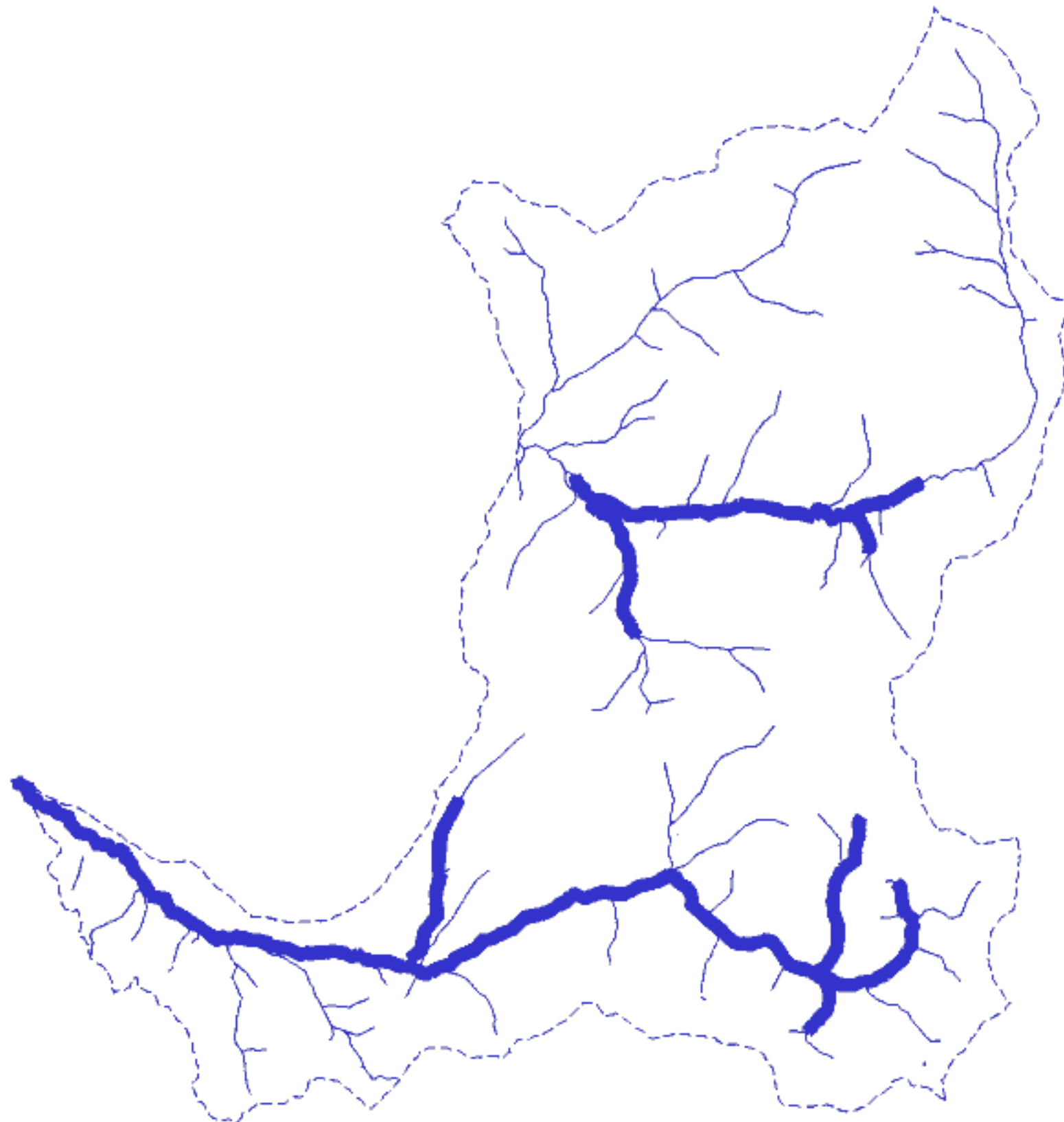
Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

Map 10a

STEELHEAD



CUTTHROAT

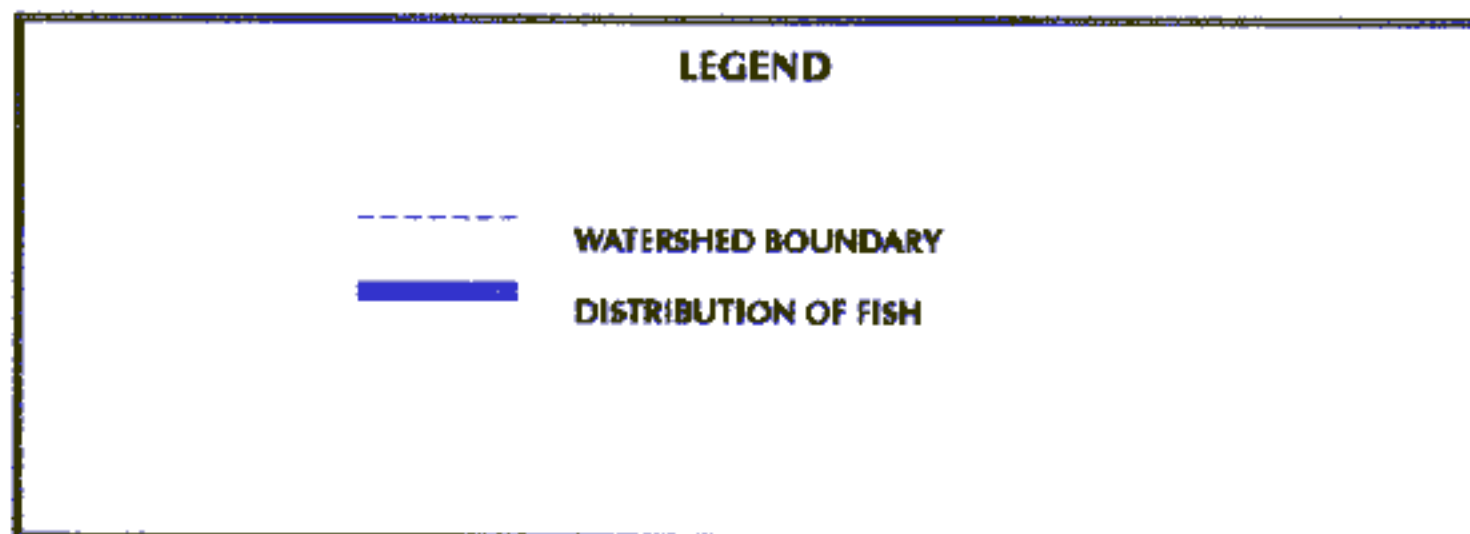


APPROXIMATE DISTRIBUTION OF CUTTHROAT & STEELHEAD SALMONIDS IN THE JOE LOUSE WATERSHED



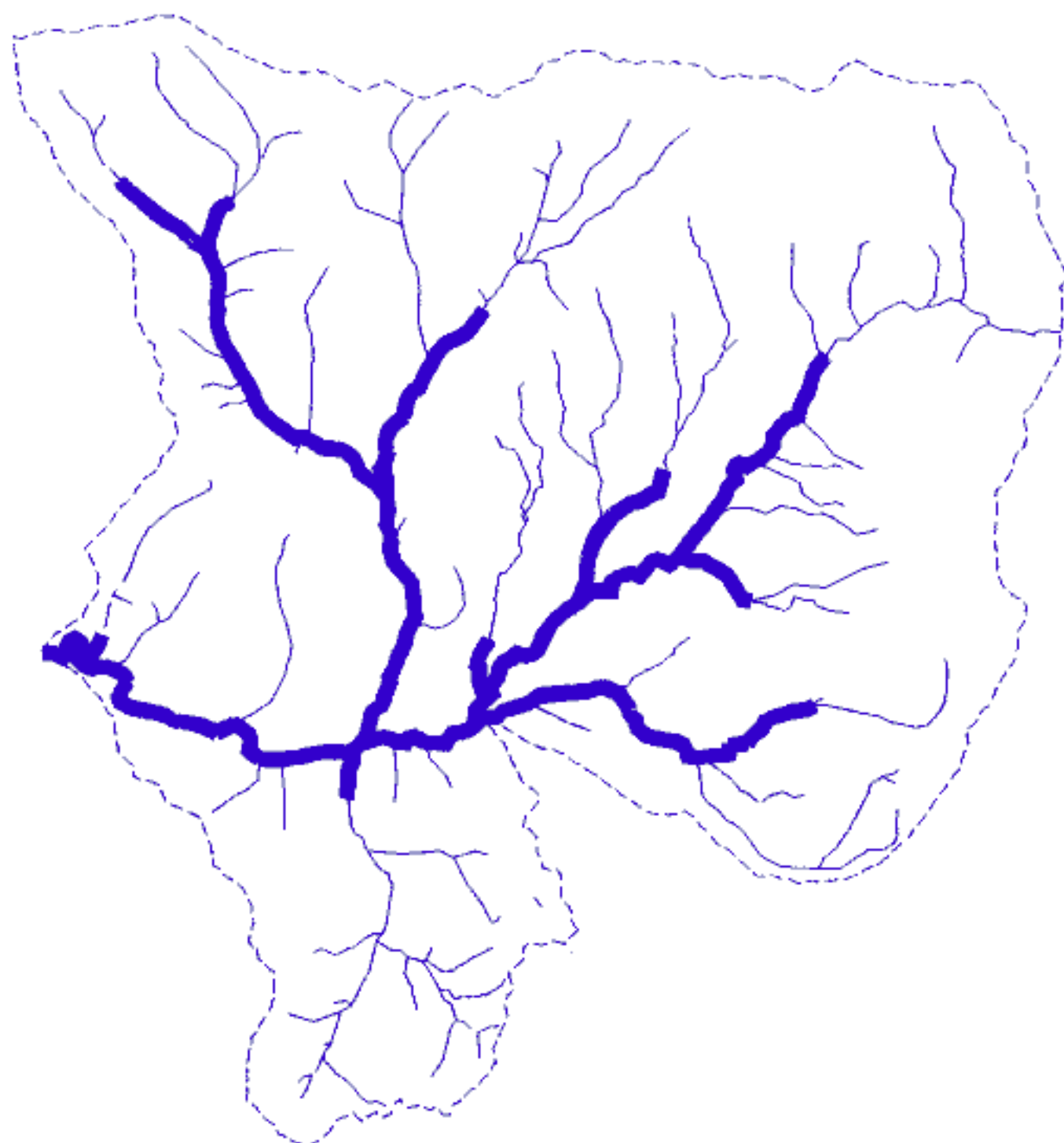
April 26 1996

Dennis Glover

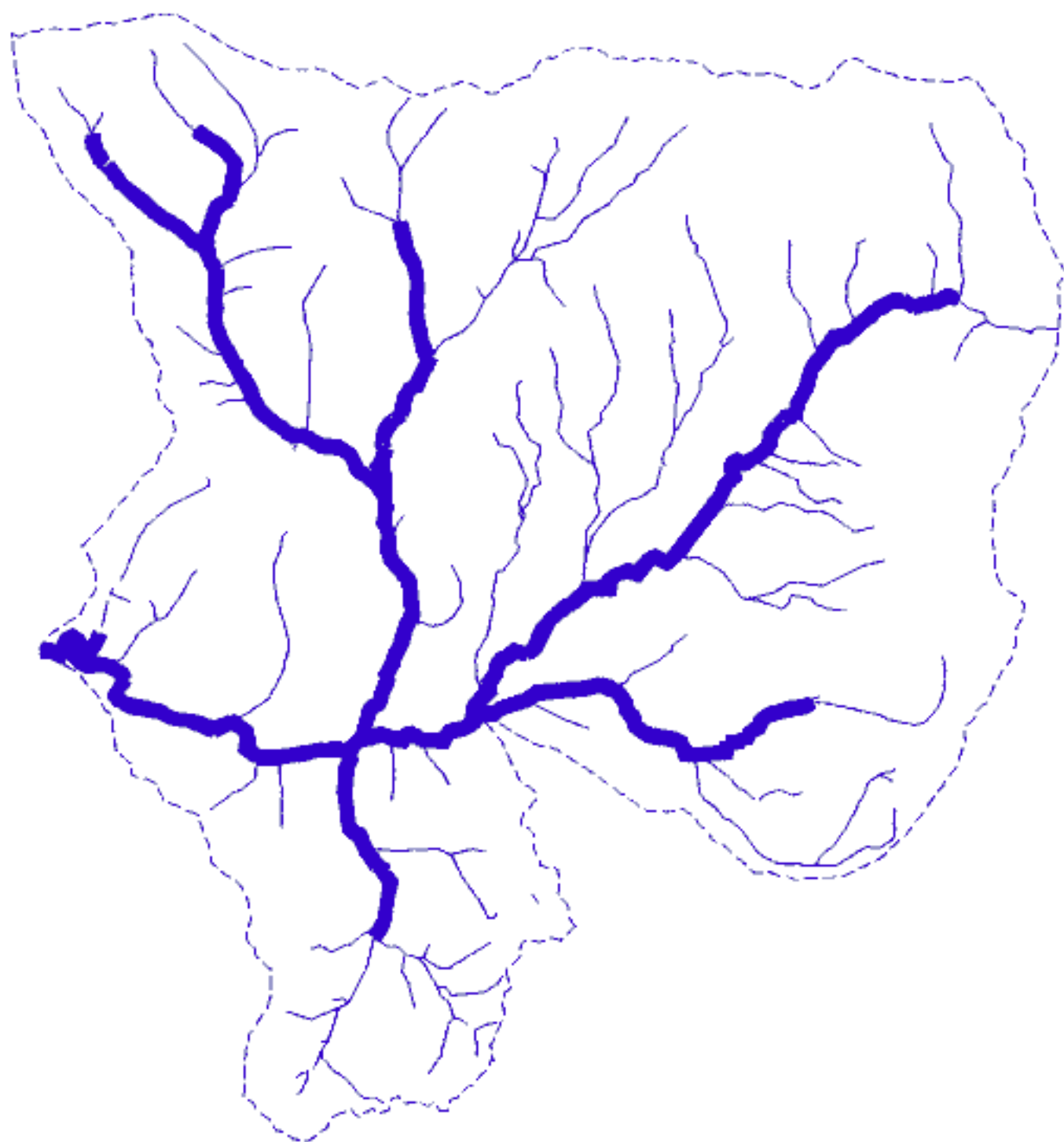


Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

STEELHEAD



CUTTHROAT



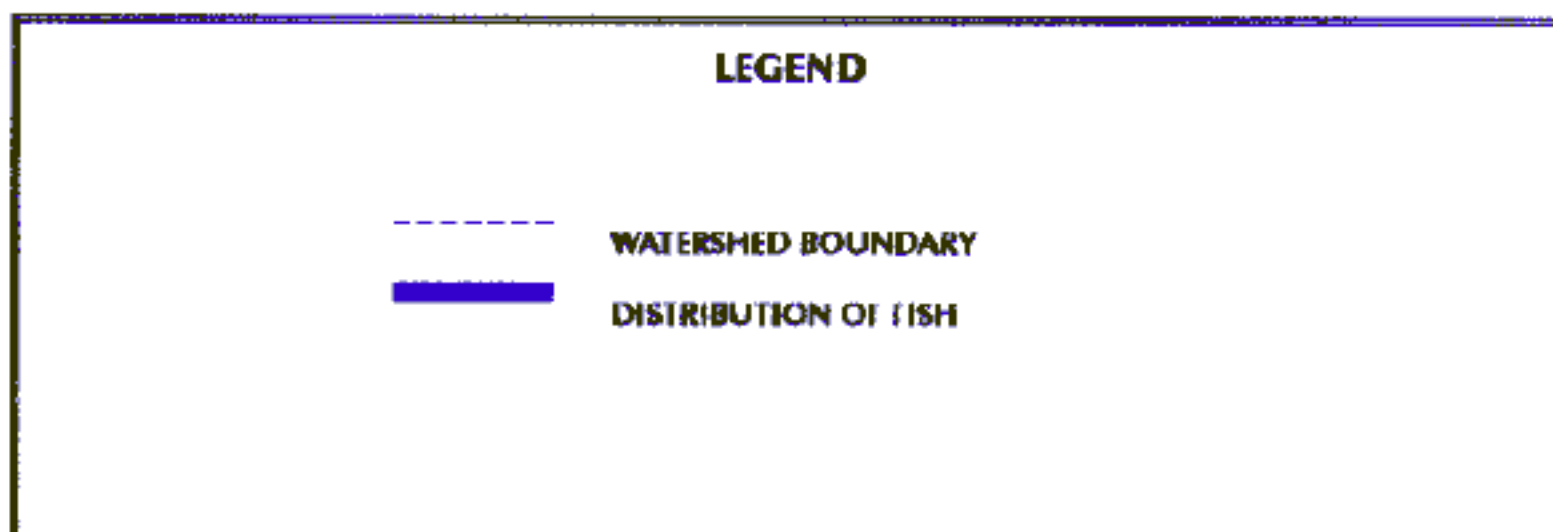
Map 10b

**APPROXIMATE DISTRIBUTION OF CUTTHROAT & STEELHEAD SALMONIDS
IN THE QUARTZ JOE WATERSHED**



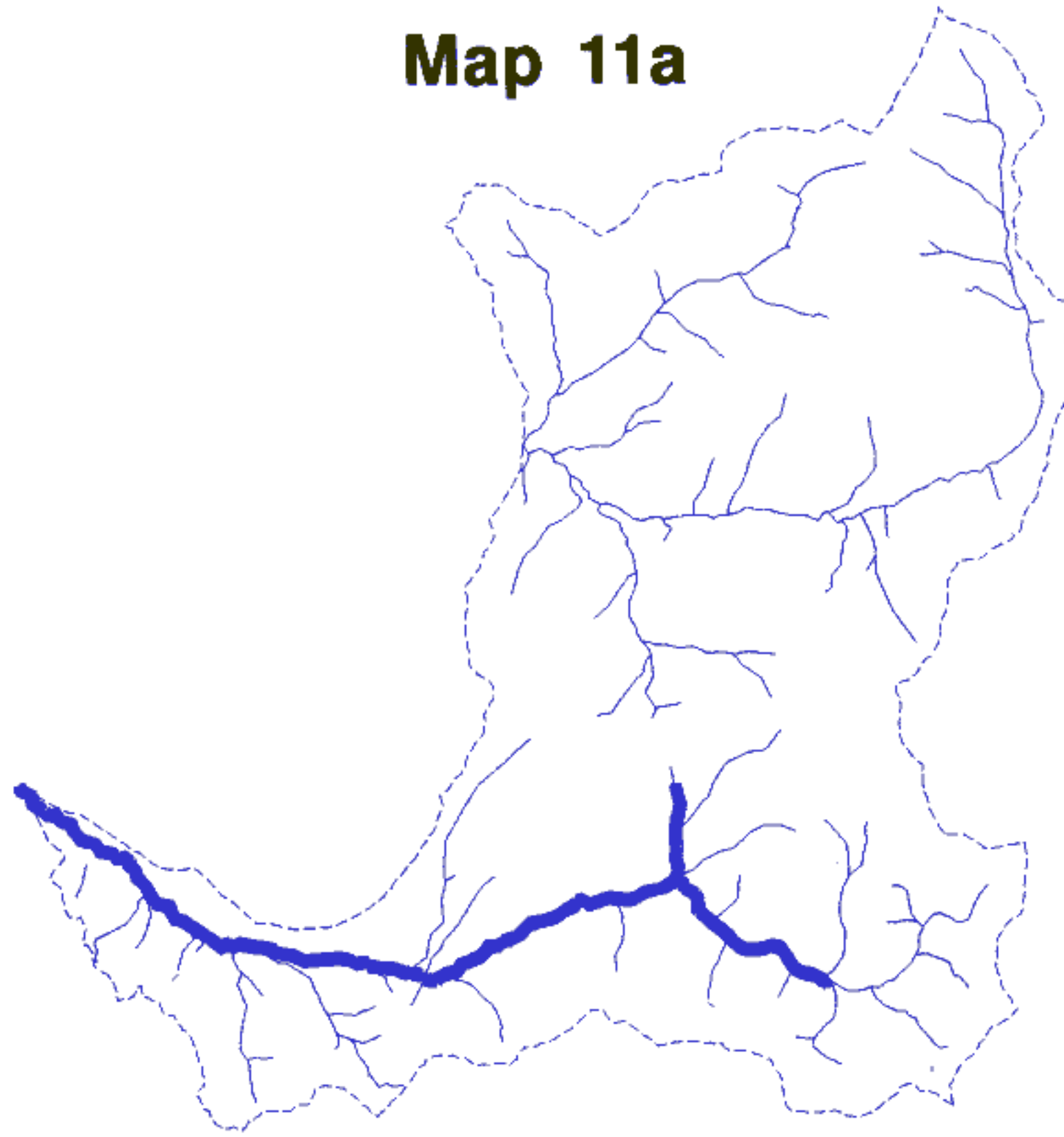
July 1996

John McGlothlin

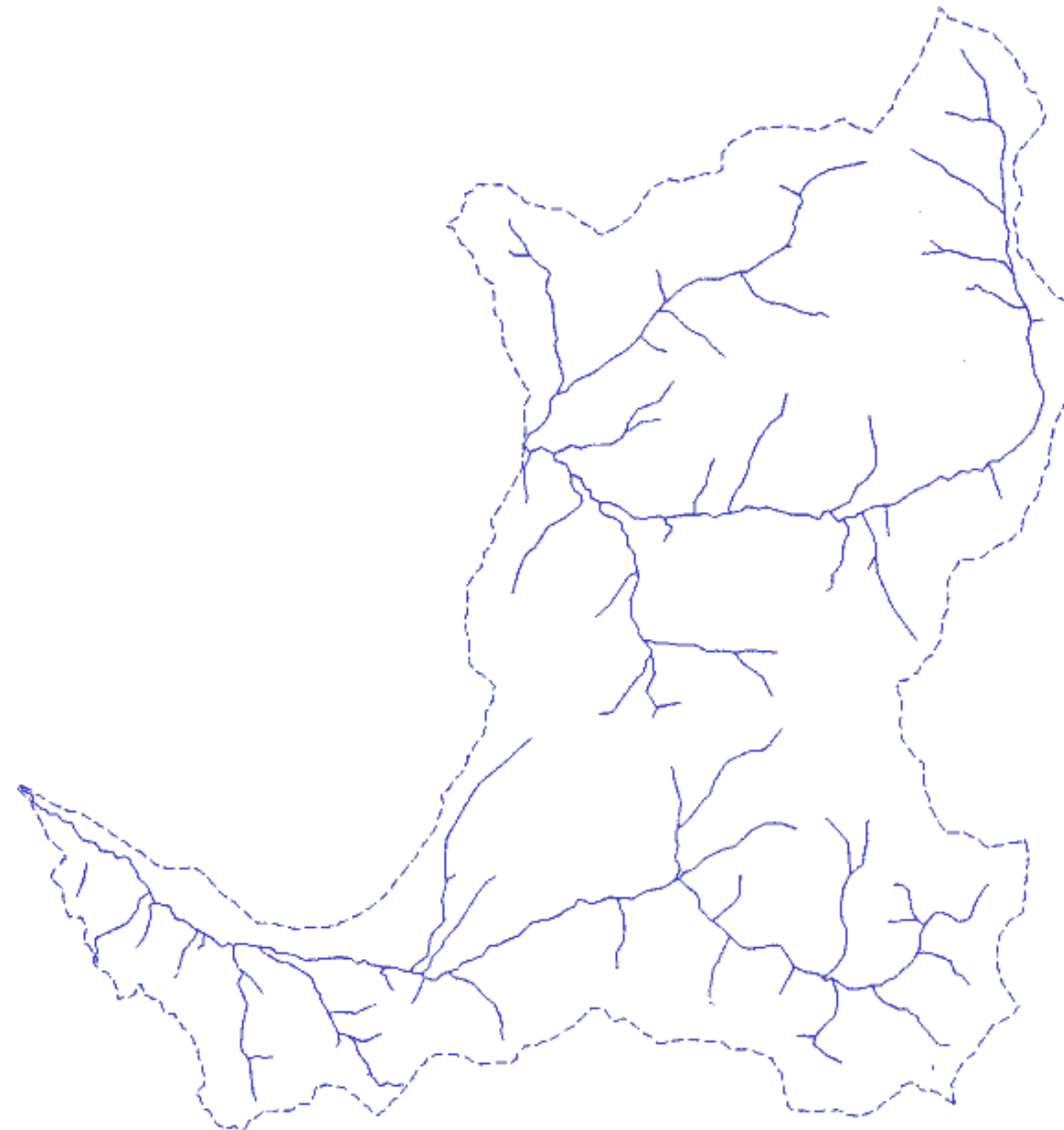


Map 11a

COHO



CHINOOK

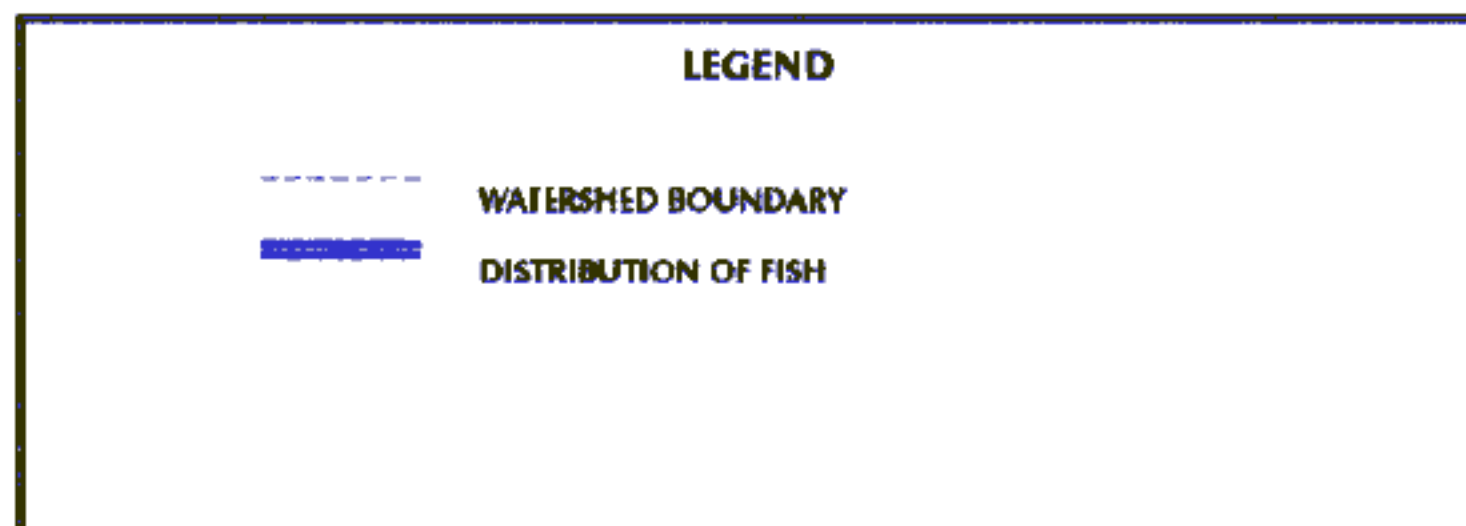


APPROXIMATE DISTRIBUTION OF COHO & CHINOOK SALMONIDS IN THE JOE LOUISE WATERSHED



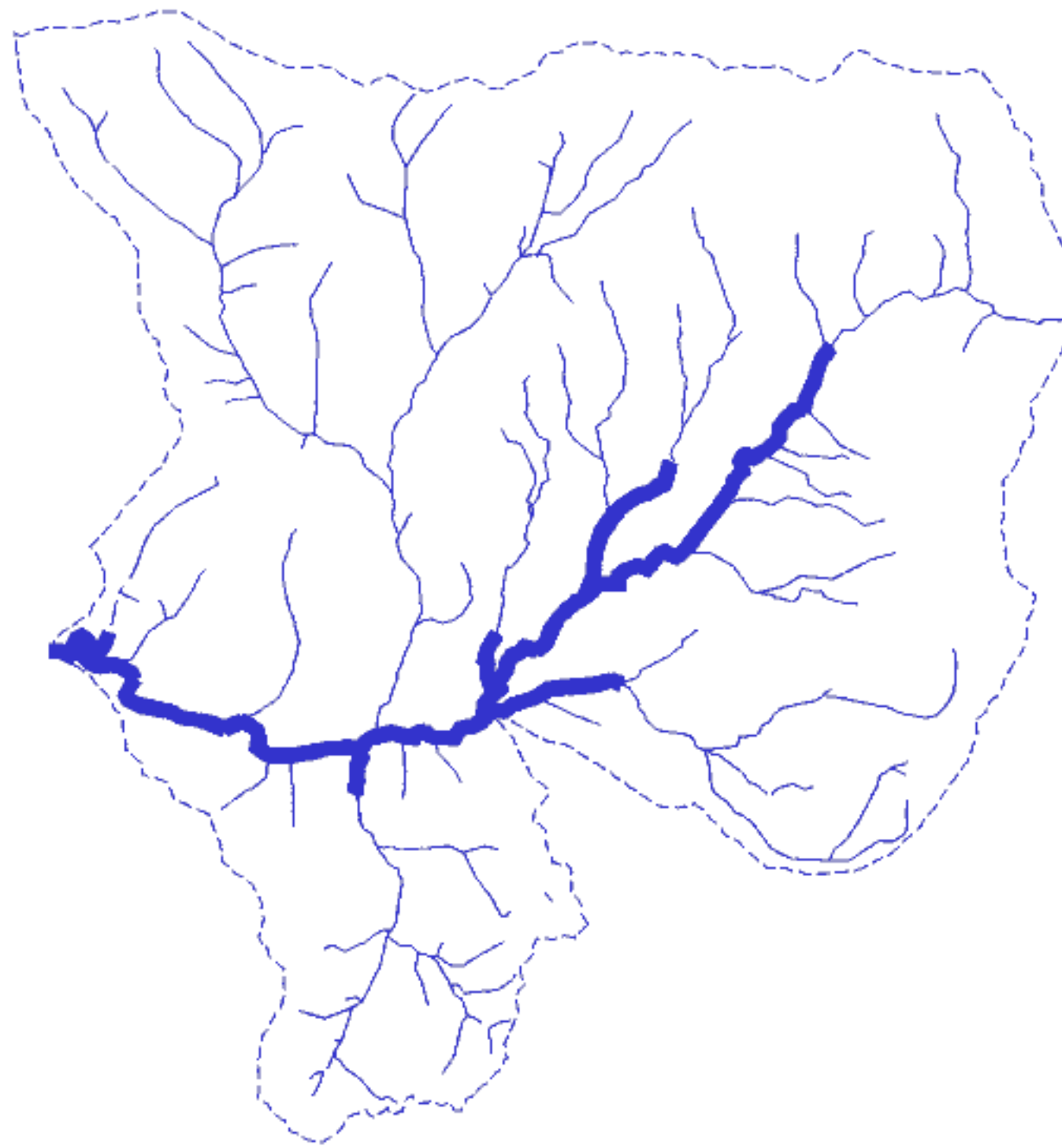
April 26 1996

Dennis Glover

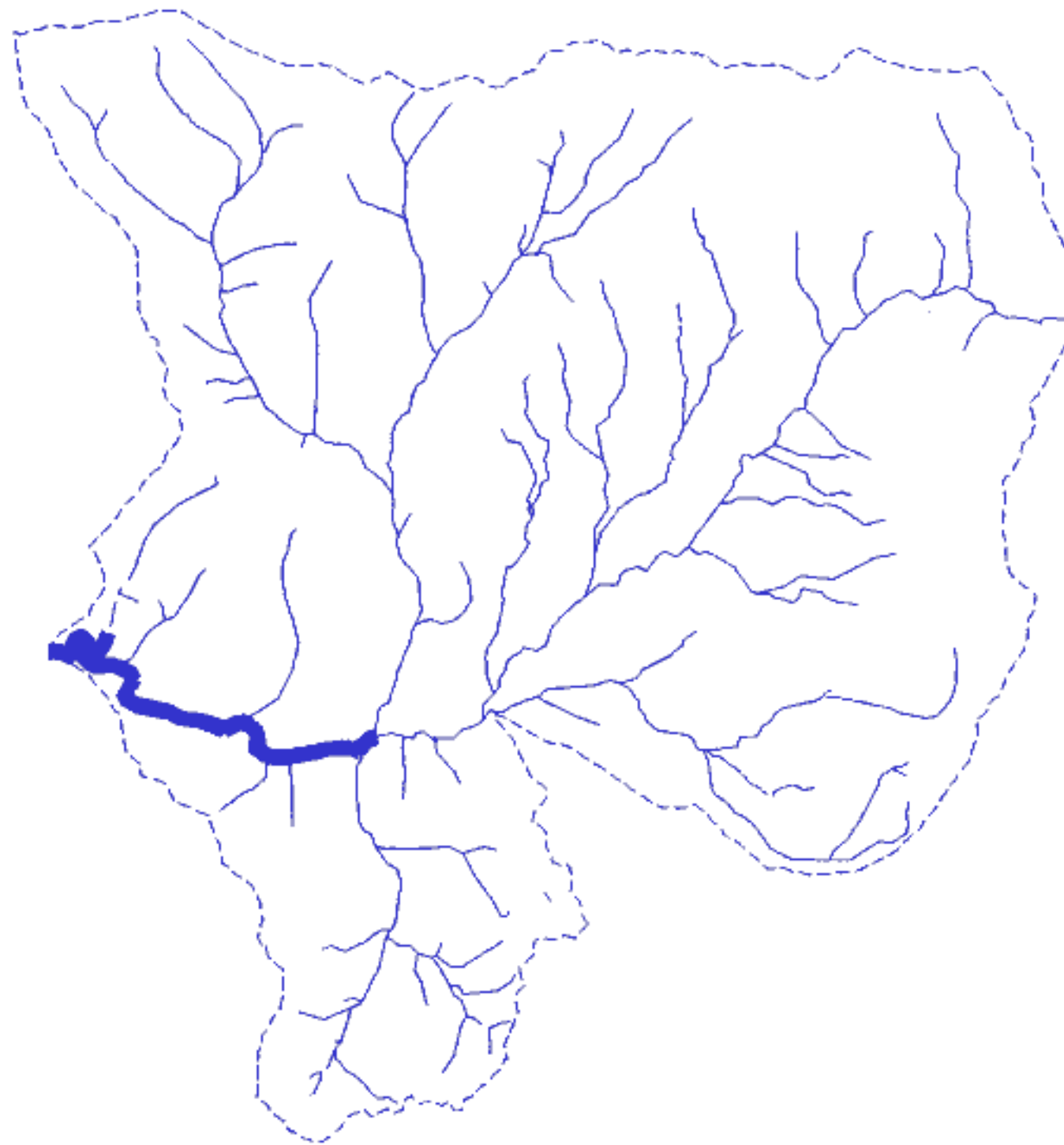


Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

COHO



CHINOOK



Map 11b

**APPROXIMATE DISTRIBUTION OF COHO & CHINOOK SALMONIDS
IN THE QUARTZ JOE WATERSHED**



July 1996

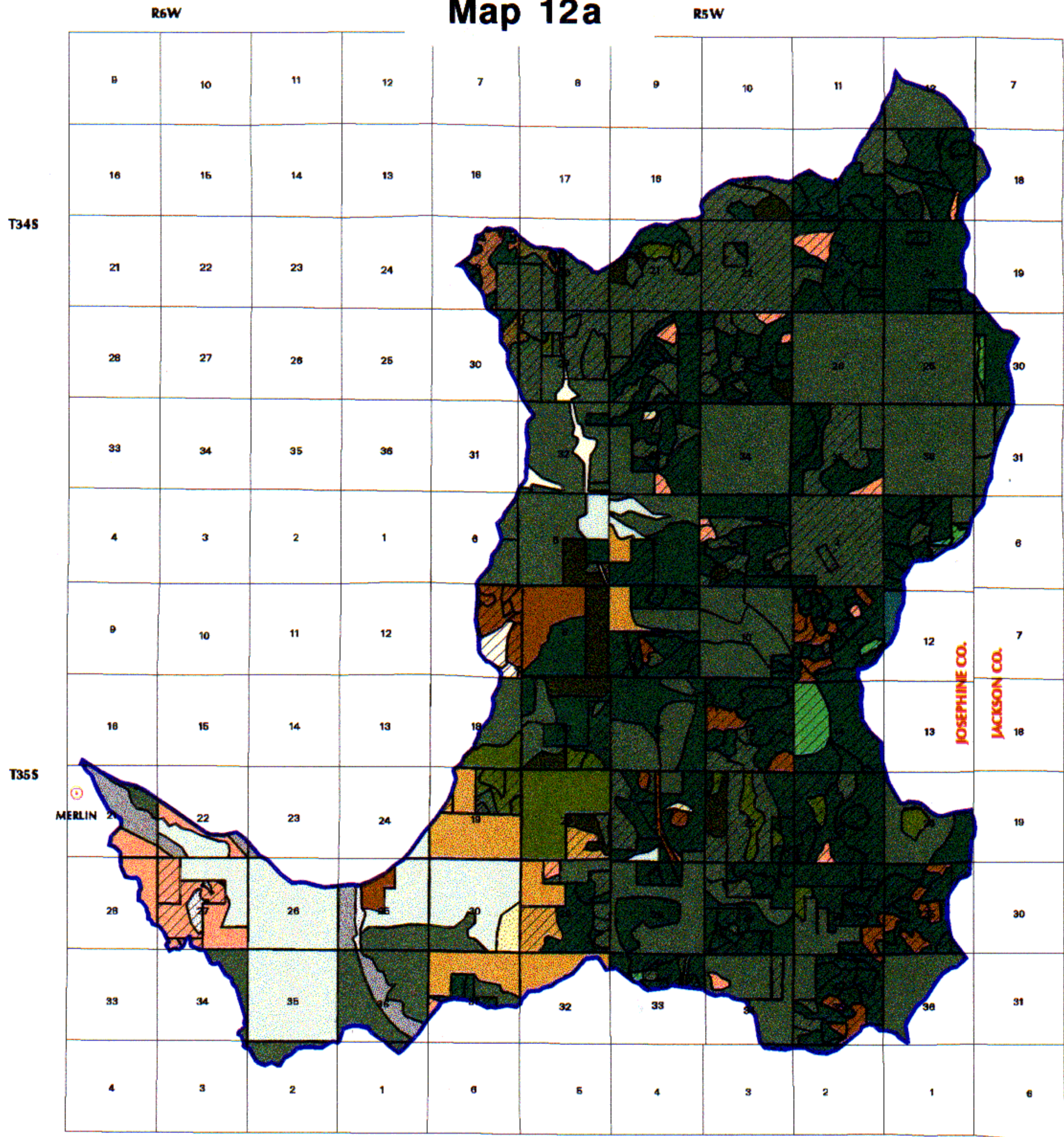
John McGlothlin

LEGEND

-  WATERSHED BOUNDARY
-  DISTRIBUTION OF FISH



Map 12a



SCALE 1:100000

EXISTING DOMINANT VEGETATION

JOE LOUSE WATERSHED

LEGEND

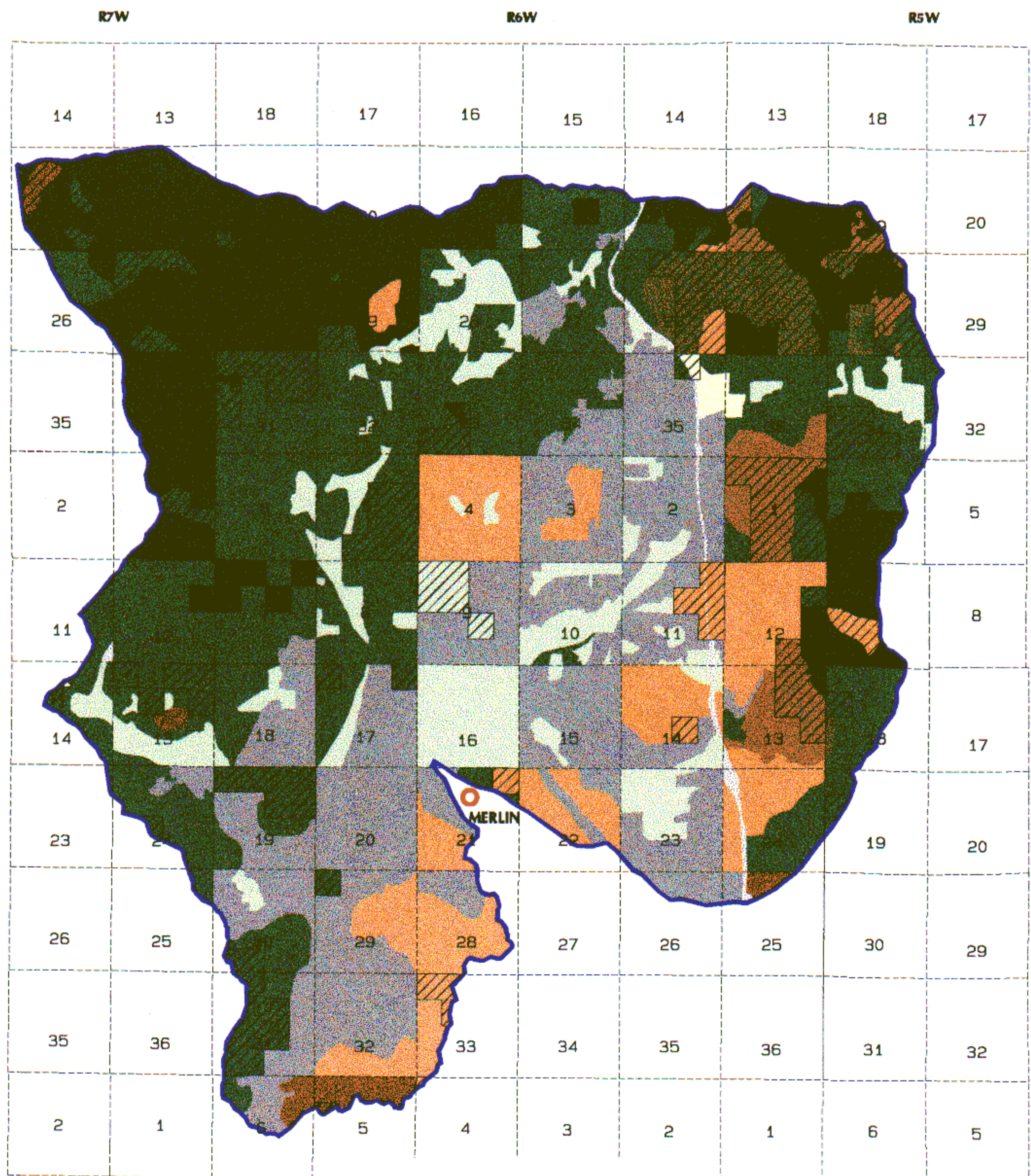
- NON-VEGETATED
- GRASS
- SHRUB
- HARDWOOD
- HARDWOOD/CONIFER
- W.OAK
- W.OAK/PINE
- J.PINE
- J.PINE/WEDGELEAF
- PINE/D.FIR
- PINE
- D.FIR/W.FIR
- D.FIR
- COMMERCIAL/INDUSTRIAL
- RURAL/RESIDENTIAL
- W.FIR
- BLM OWNERSHIP
- WATERSHED BDRY.



May 7, 1996

Dennis Glover

Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Map 12b

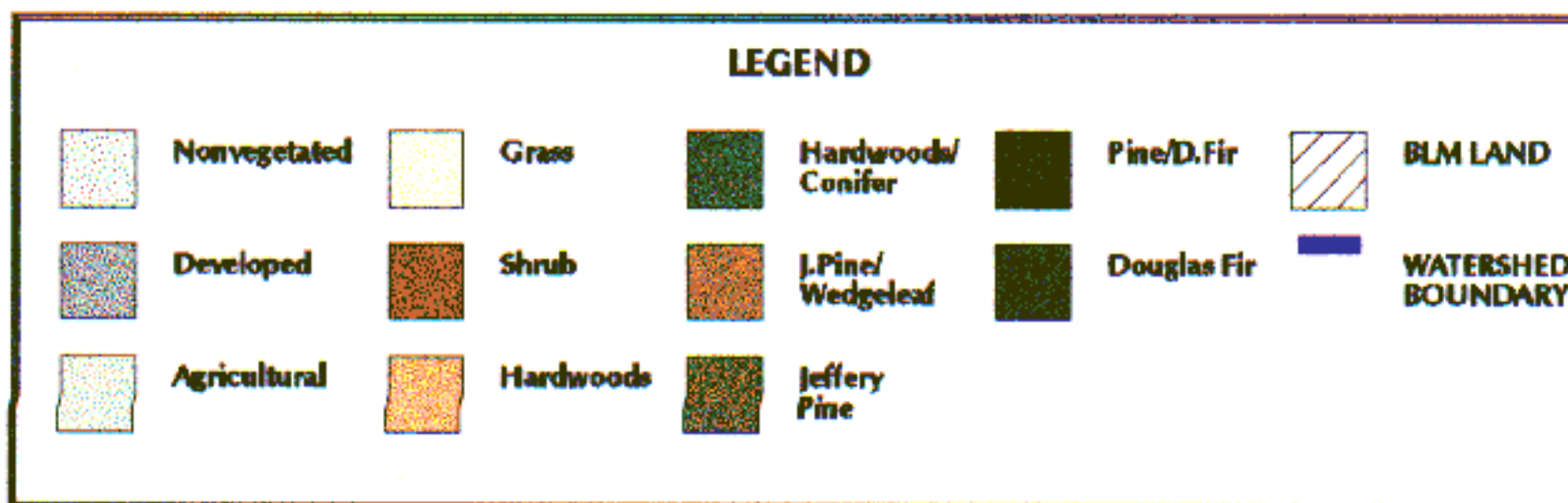
SCALE 1:90000

DOMINANT VEGETATION IN THE QUARTZ JOE WATERSHED



July 1996

John McGlothlin



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

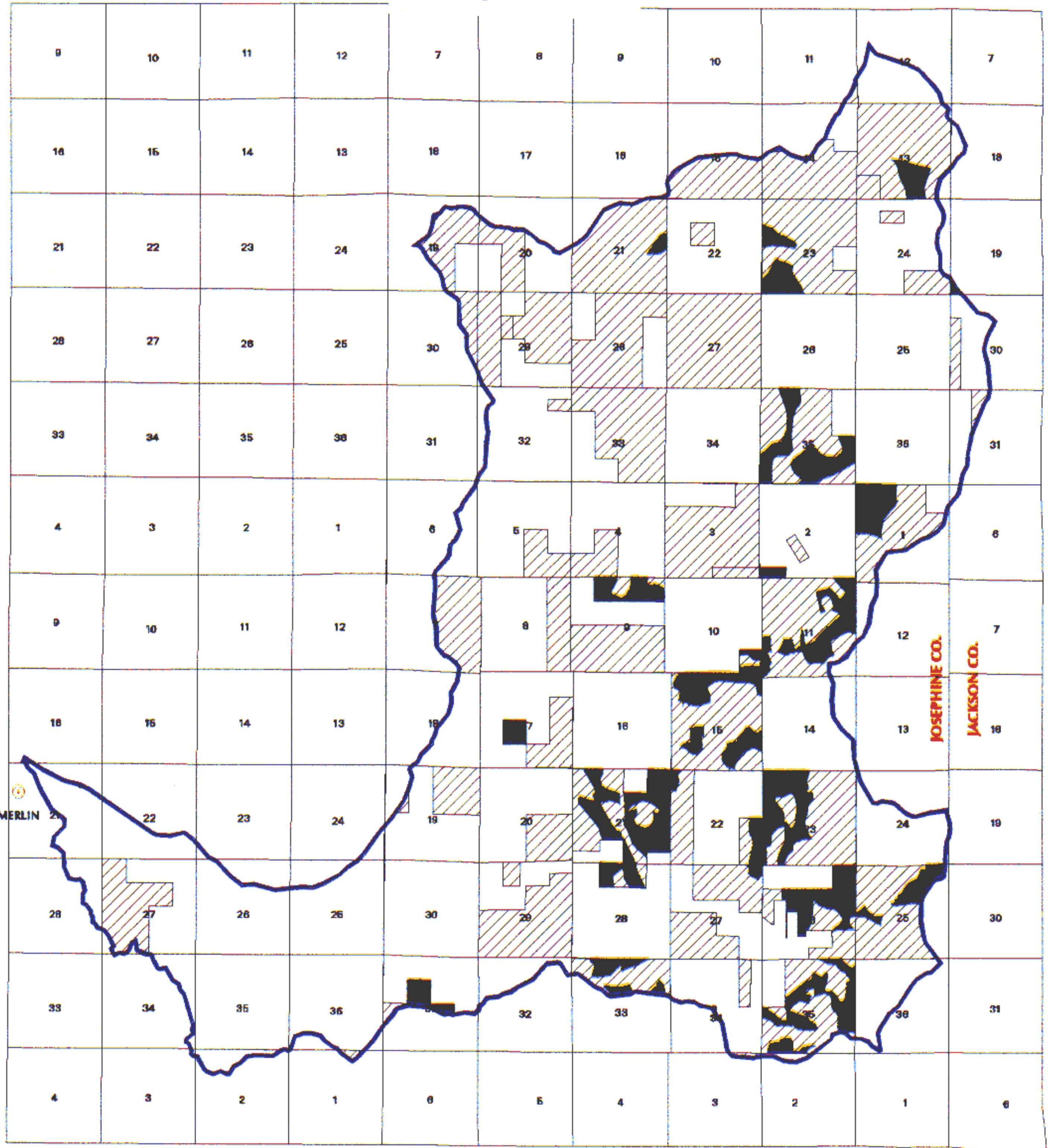
R6W

Map 15a

R5W

T34S

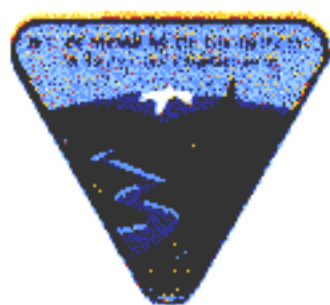
T35S



SCALE 1:100000

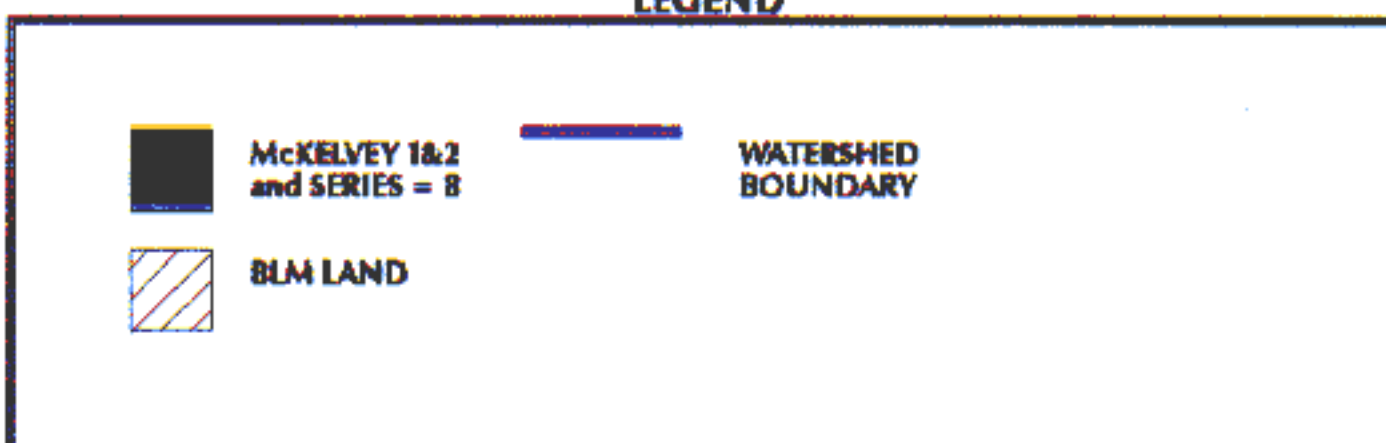


McKELVEY 1&2 and MATURE VEG CLASS AREAS IN THE JOE LOUSE WATERSHED LEGEND

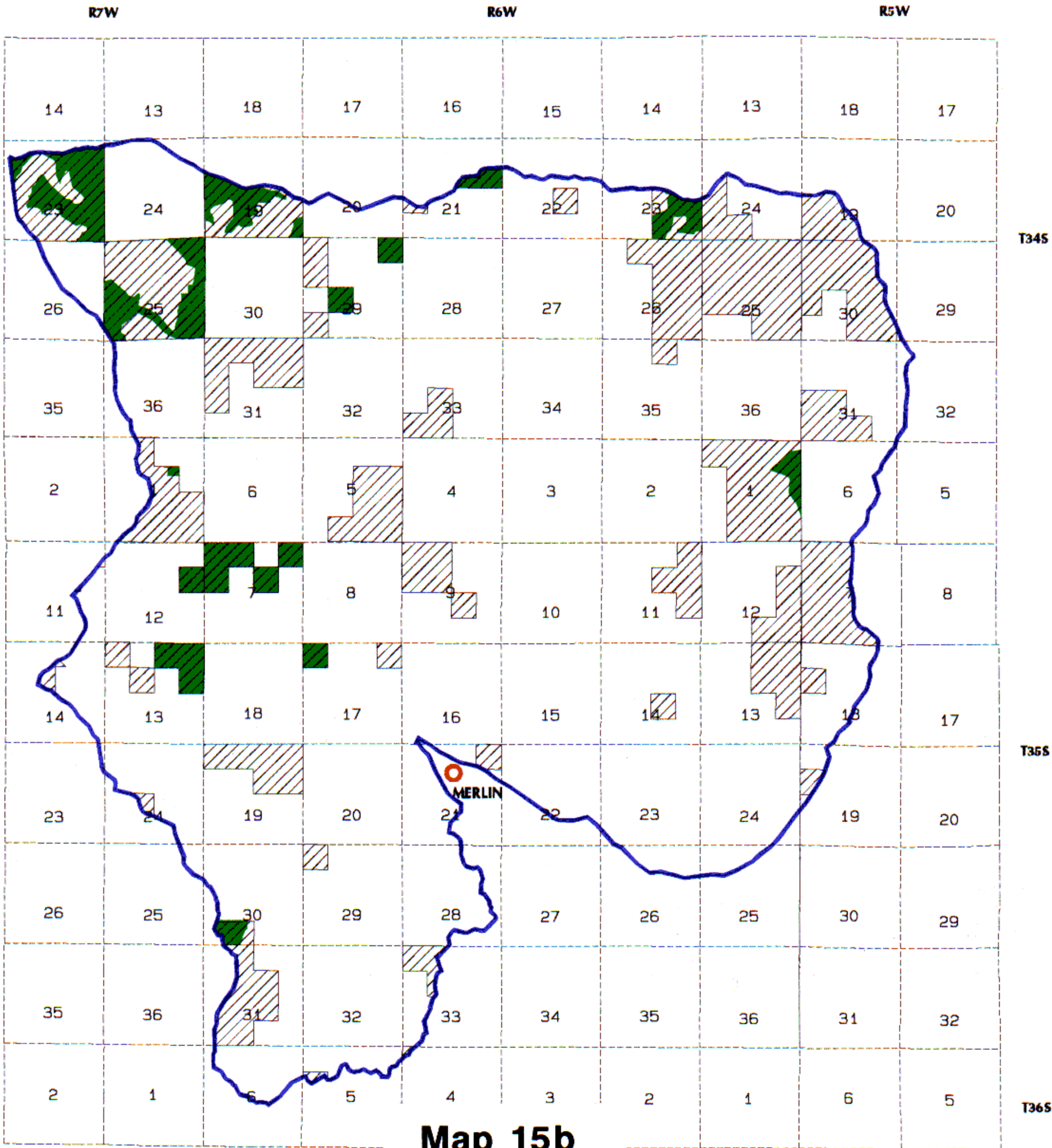


May 7, 1996

Dennis Glover



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Map 15b

SCALE 1:90000




**AREAS WITH McKELVEY RATING 1 OR 2
THAT ARE ALSO IN THE MATURE VEG. CLASS
IN THE QUARTZ JOE WATERSHED**



July 1996

John McGlothlin

LEGEND

 McKELVEY = 1 or 2 and VEG CLASS MATURE	 BLM LAND
 WATERSHED BOUNDARY	



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

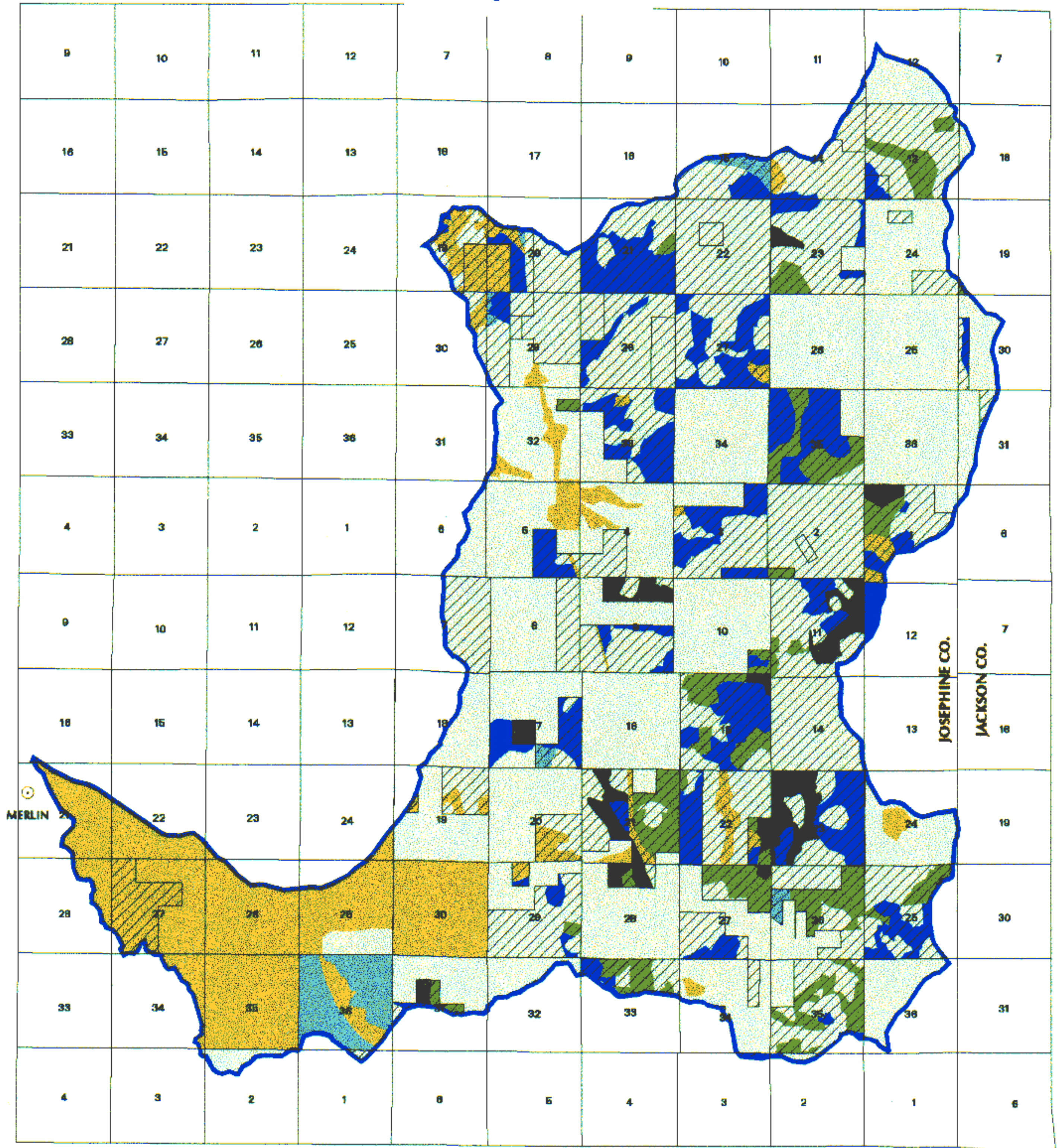
Map 16a

R6W

R5W

T34S

T35S



SCALE 1:100000

SPOTTED OWL HABITAT RATING (McKelvey) JOE LOUSE WATERSHED

LEGEND

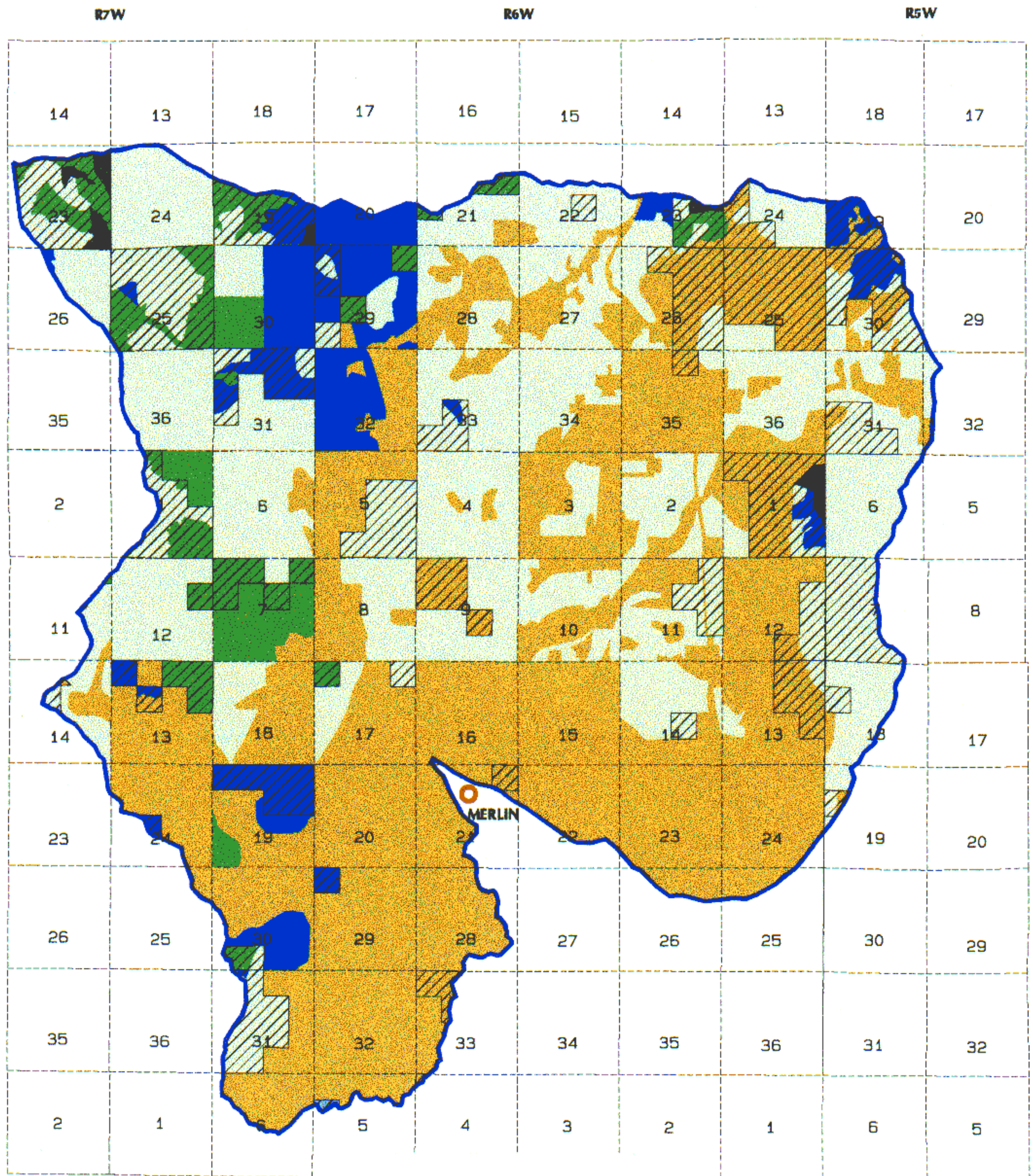
- (1) Optimal
- (2) Meets Foraging, Dispersal Roosting
- (3) Meets No Req., Potential 1 or 2
- (4) Meets No Req., Unlikely 1 or 2
- (5) Dispersal Only, Potential 1 or 2
- (6) Dispersal Only, Unlikely 1 or 2
- BLM Ownership
- Watershed Boundary



May 15, 1996

Dennis Glover

Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Map 16b

SCALE 1:90000

**SPOTTED OWL HABITAT RATING
IN THE QUARTZ JOE WATERSHED**



July 1996

John McGlothlin

LEGEND

(1) OPTIMAL	(4) MEETS NO REQUIREMENTS; NOT LIKELY TO BECOME 1 OR 2	BLM LAND
(2) MEETS FORAGING, DISPERSAL, ROOSTING	(5) DISPERSAL ONLY; HAS POTENTIAL TO BECOME 1 OR 2	WATERSHED BOUNDARY
(3) MEETS NO REQUIREMENTS; HAS POTENTIAL TO BECOME 1 OR 2	(6) DISPERSAL ONLY; NOT LIKELY TO BECOME 1 OR 2	

Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

Map 17a

R6W

R5W

T34S

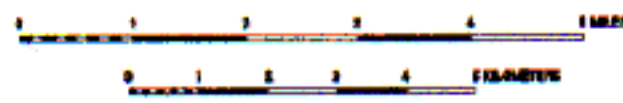
T35S

MERLIN

JOSEPHINE CO.

JACKSON CO.

MINERAL POTENTIAL FOR CHROMITE



SCALE 1:100000

LEGEND

MINERAL POTENTIAL
JOE LOUSE WATERSHED

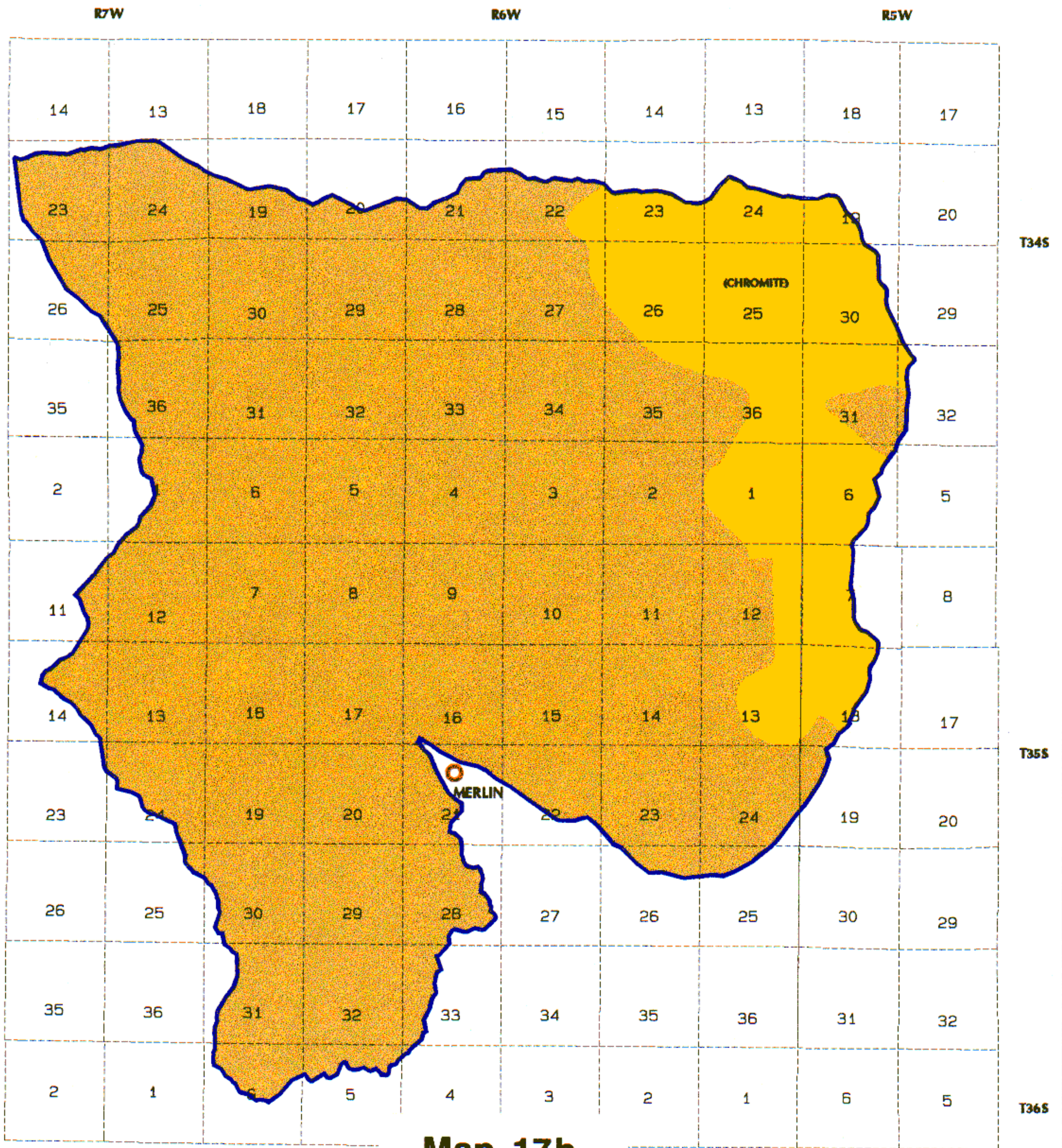
- HIGH MINERAL POTENTIAL
- MEDIUM MINERAL POTENTIAL
- LOW MINERAL POTENTIAL
- WATERSHED BDRY.



May 15, 1996

Dennis Glover

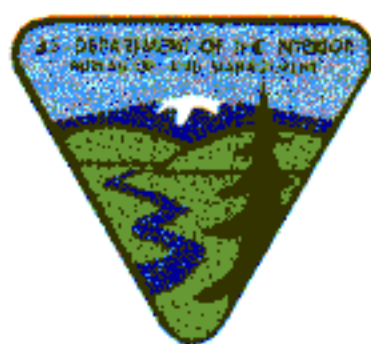
Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Map 17b

SCALE 1:90000

**MINERAL POTENTIAL RATING
IN THE QUARTZ JOE WATERSHED**



July 1996

John McGlothlin

LEGEND

- MEDIUM POTENTIAL
- LOW POTENTIAL
- WATERSHED BOUNDARY



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

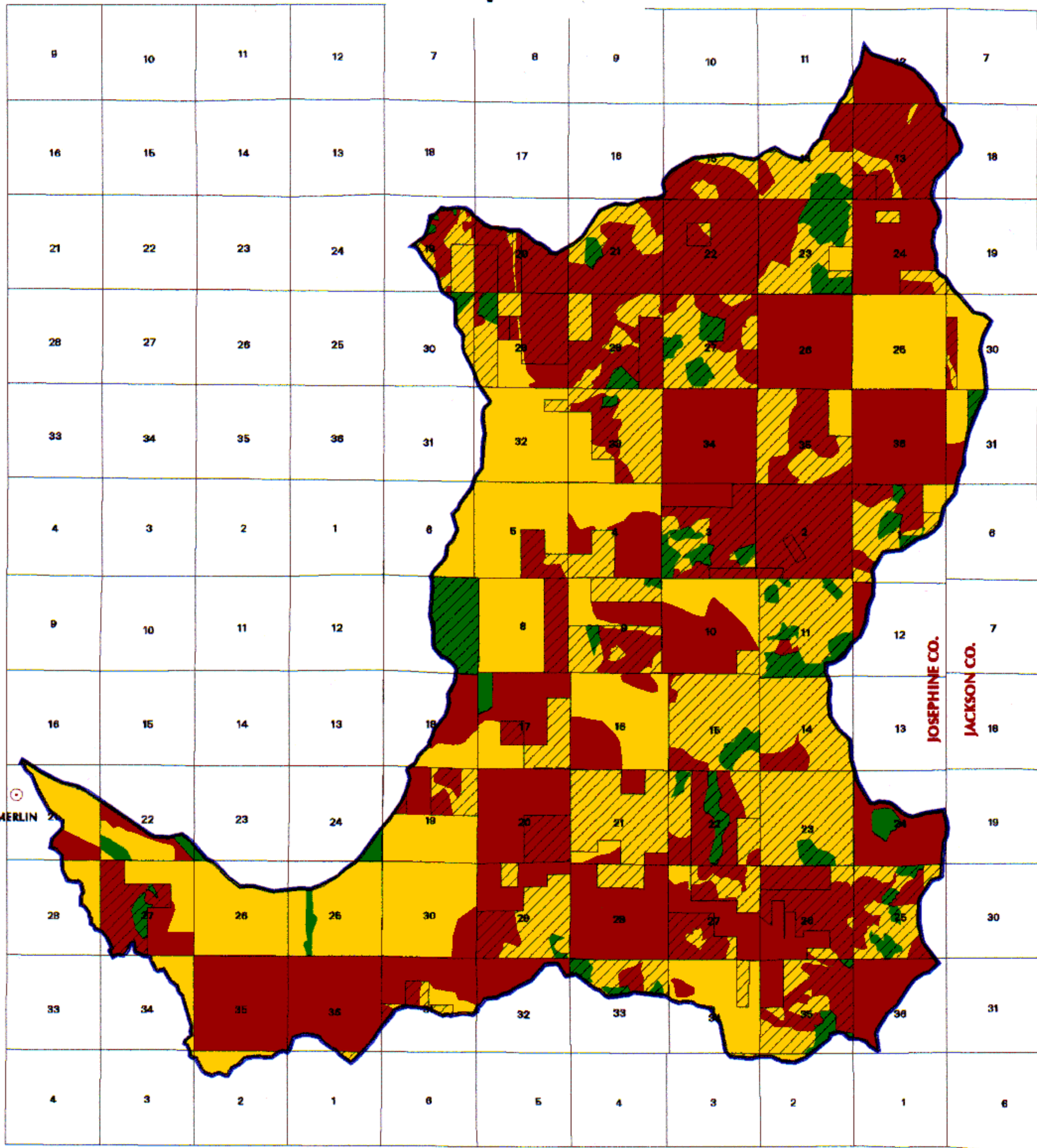
R6W

Map 18a

R5W

T34S

T35S

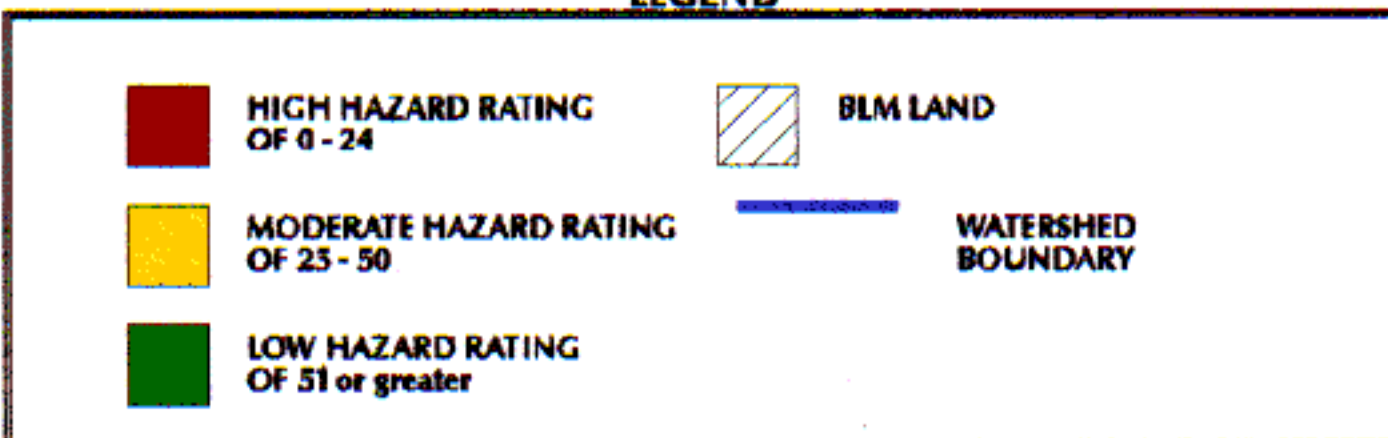


SCALE 1:100000



FIRE HAZARD RATING JOE LOUSE WATERSHED

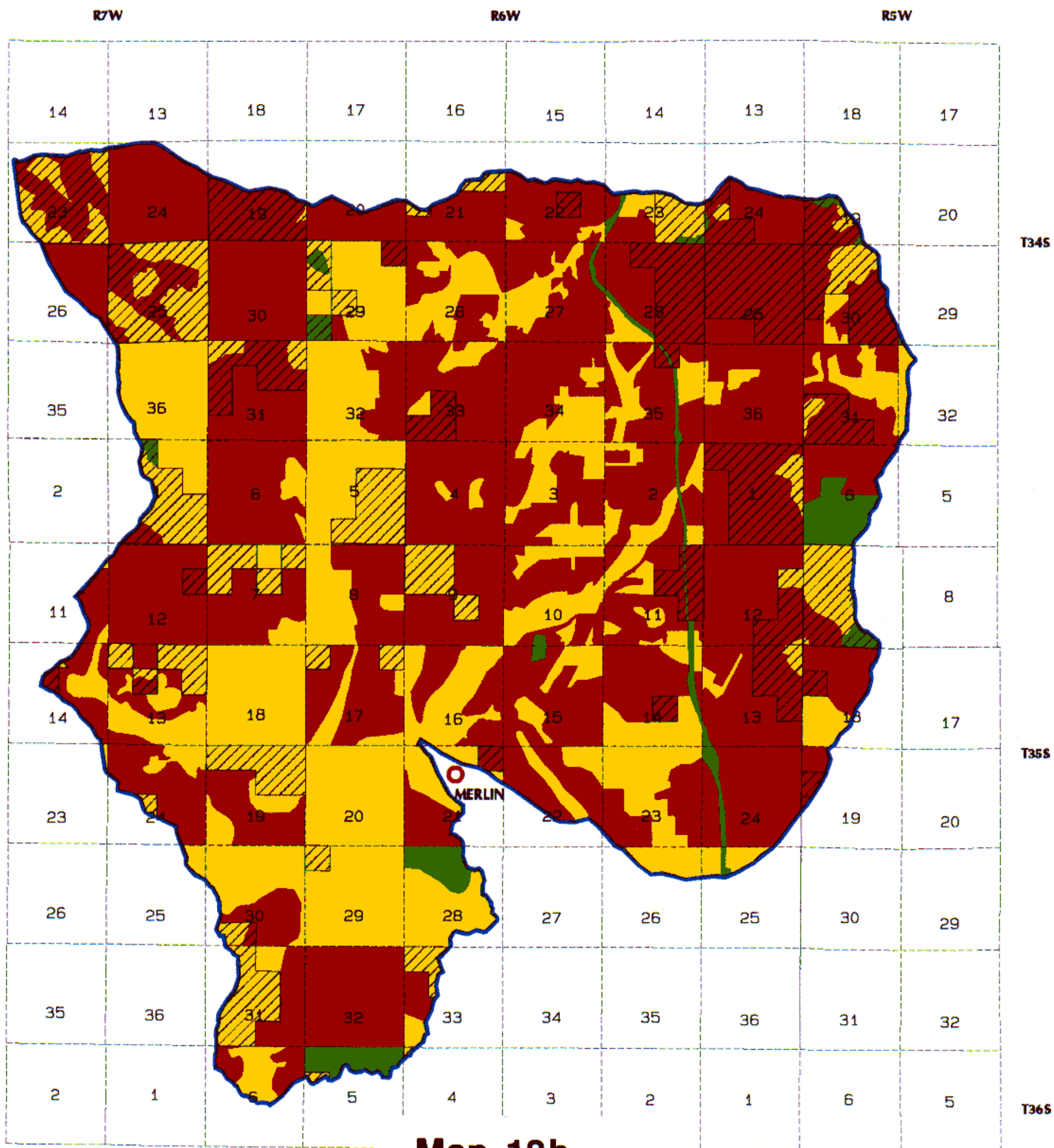
LEGEND



May 2, 1996

Dennis Glover

Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Map 18b

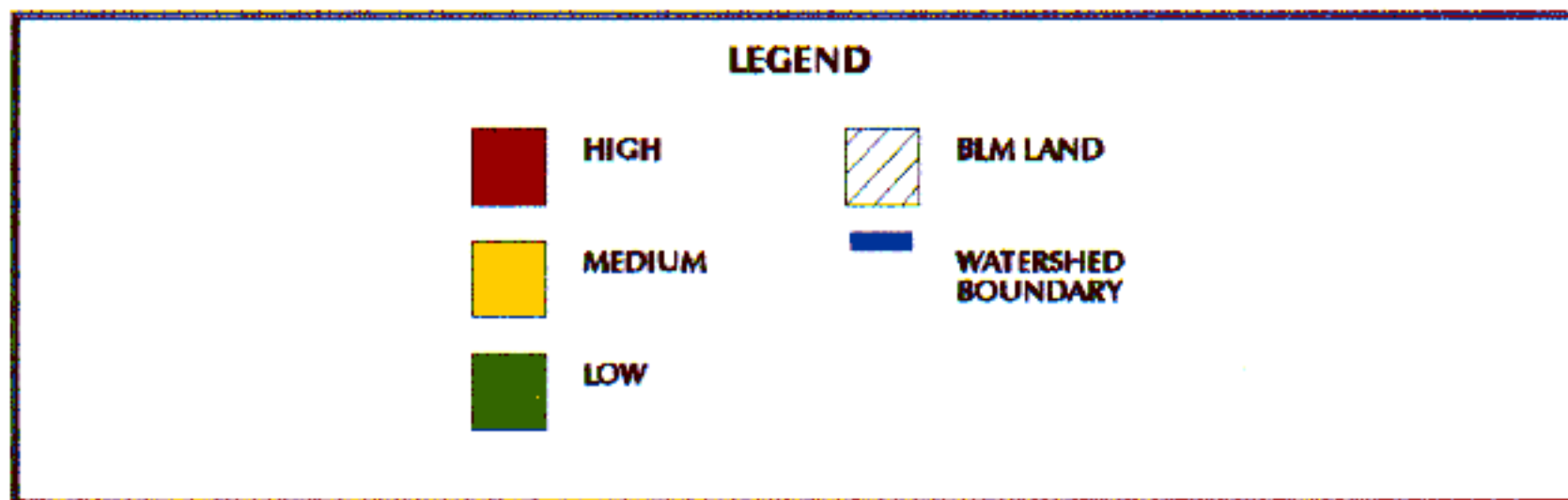
SCALE 1:90000

FIRE HAZARD RATING FOR THE QUARTZ JOE WATERSHED



July 1996

John McGlothlin



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

Map 19a

R6W

R5W

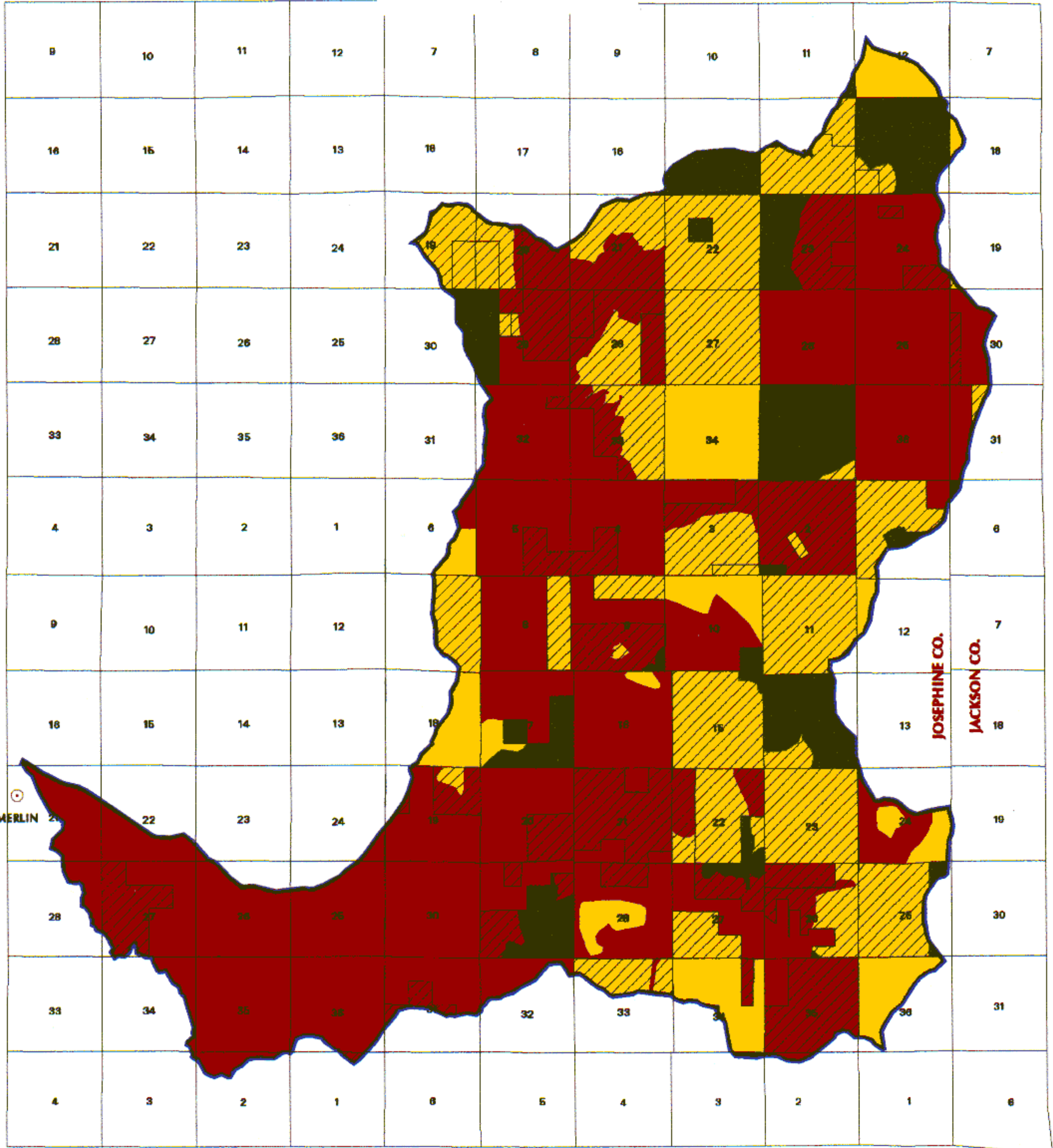
T34S

T35S

MERLIN

JOSEPHINE CO.

JACKSON CO.

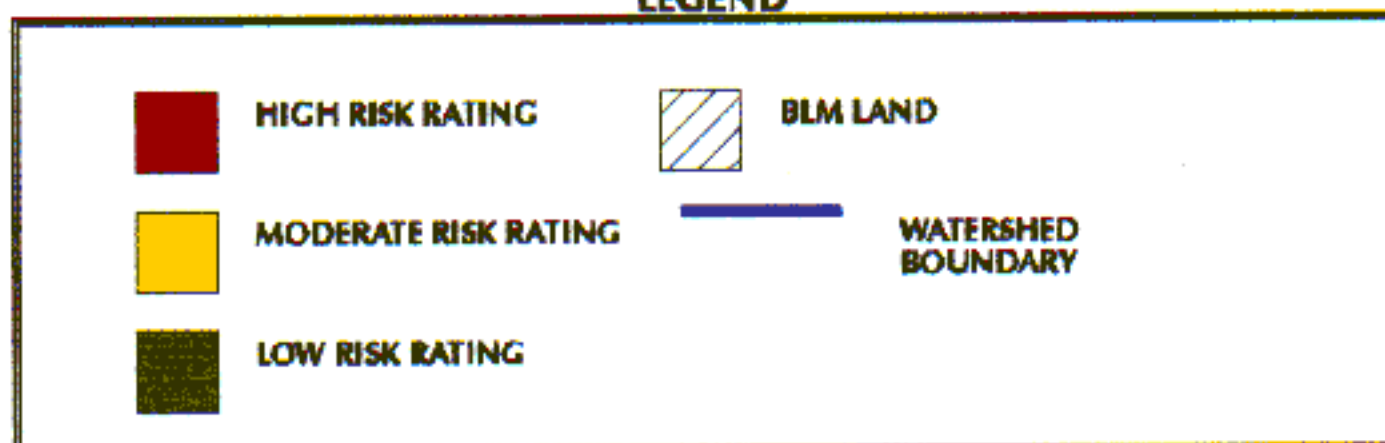


SCALE 1:100000



FIRE RISK RATING JOE LOUSE WATERSHED

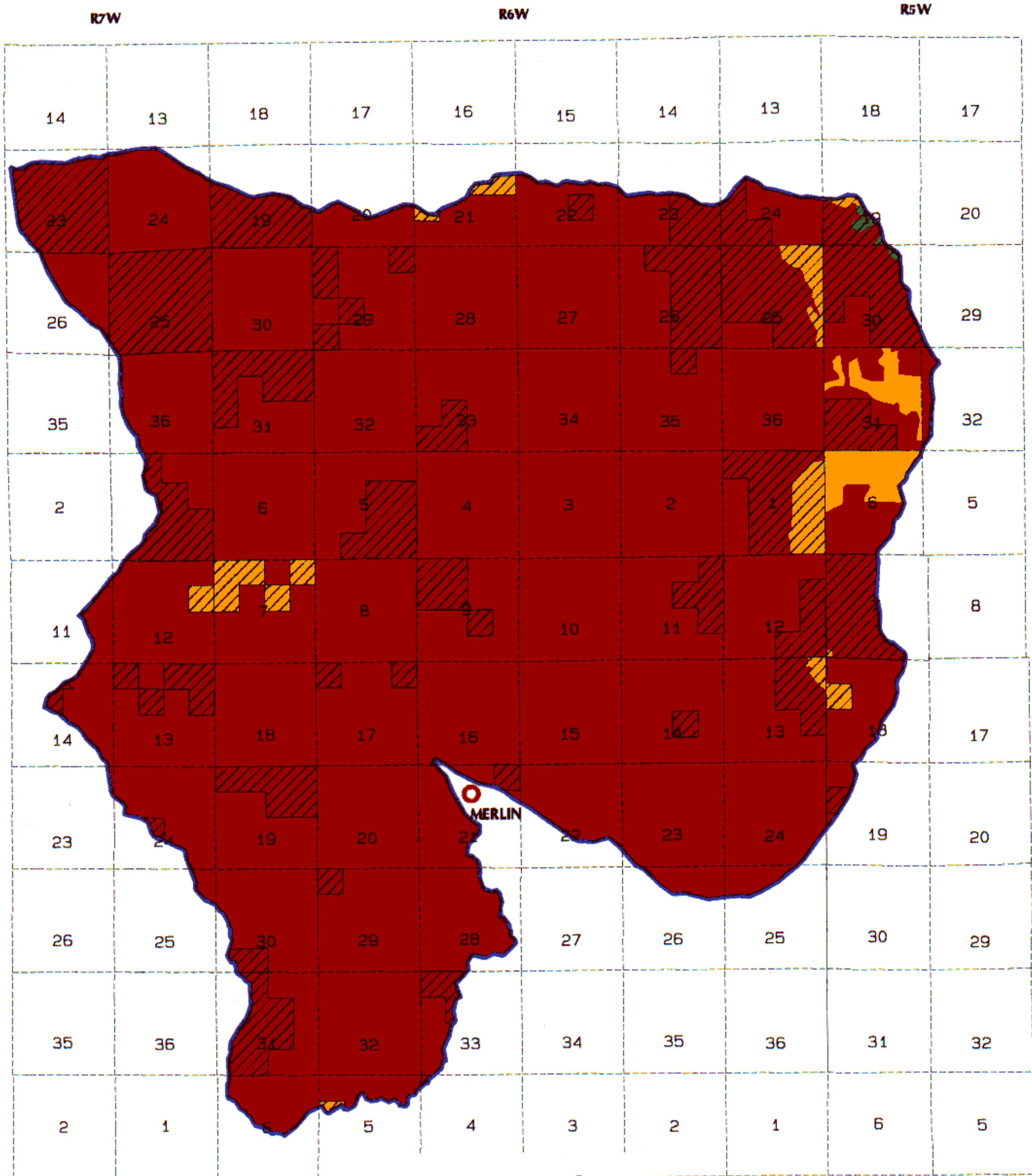
LEGEND



May 2, 1996

Dennis Glover

Notes: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Map 19b

SCALE 1:90000






FIRE RISK RATING FOR THE QUARTZ JOE WATERSHED



July 1996

John McGlothlin

LEGEND

	HIGH		BLM LAND
	MEDIUM		WATERSHED BOUNDARY
	LOW		



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

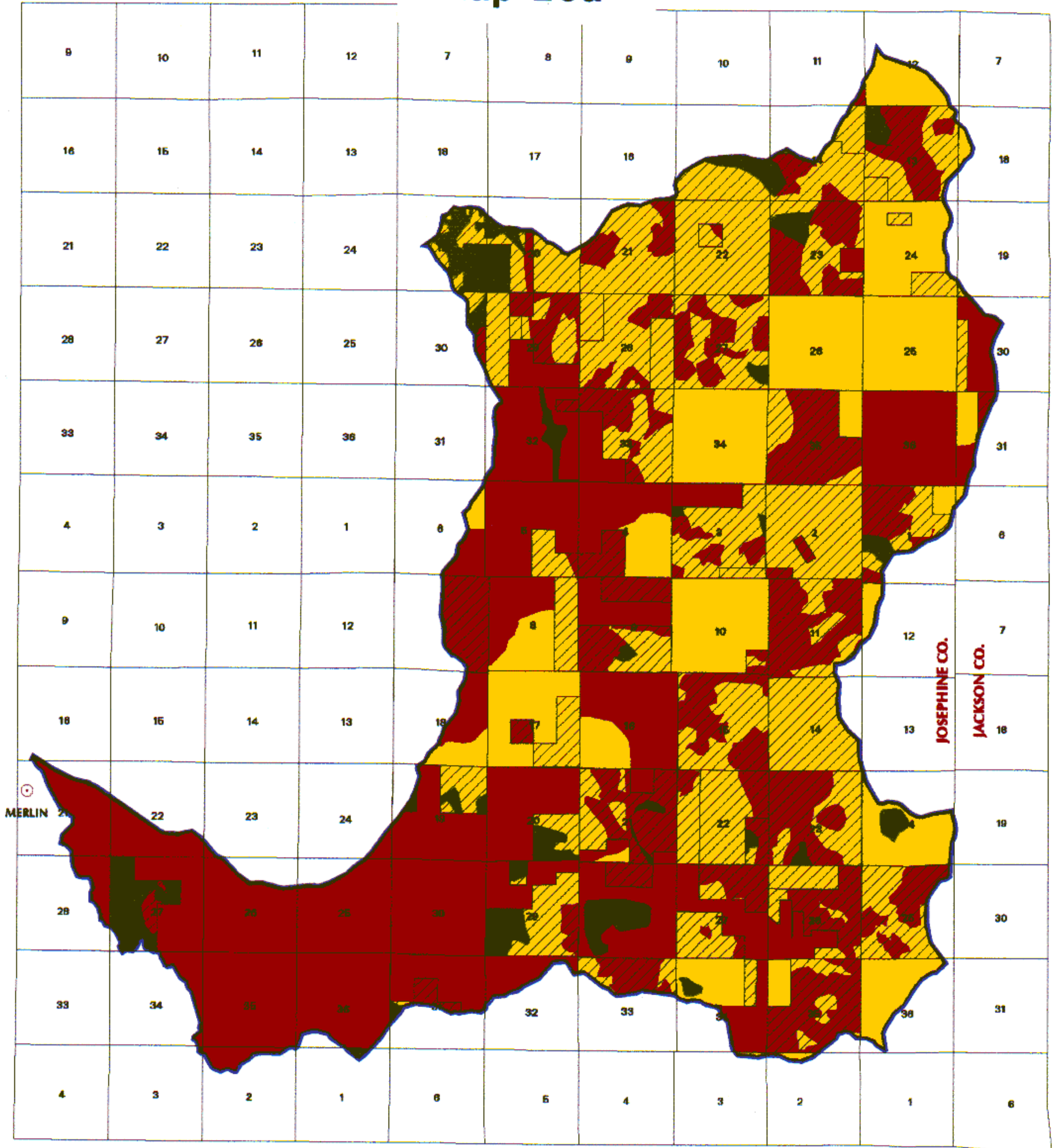
R6W

Map 20a

R5W

T34S

T35S



SCALE 1:100000



FIRE VALUE RATING JOE LOUSE WATERSHED

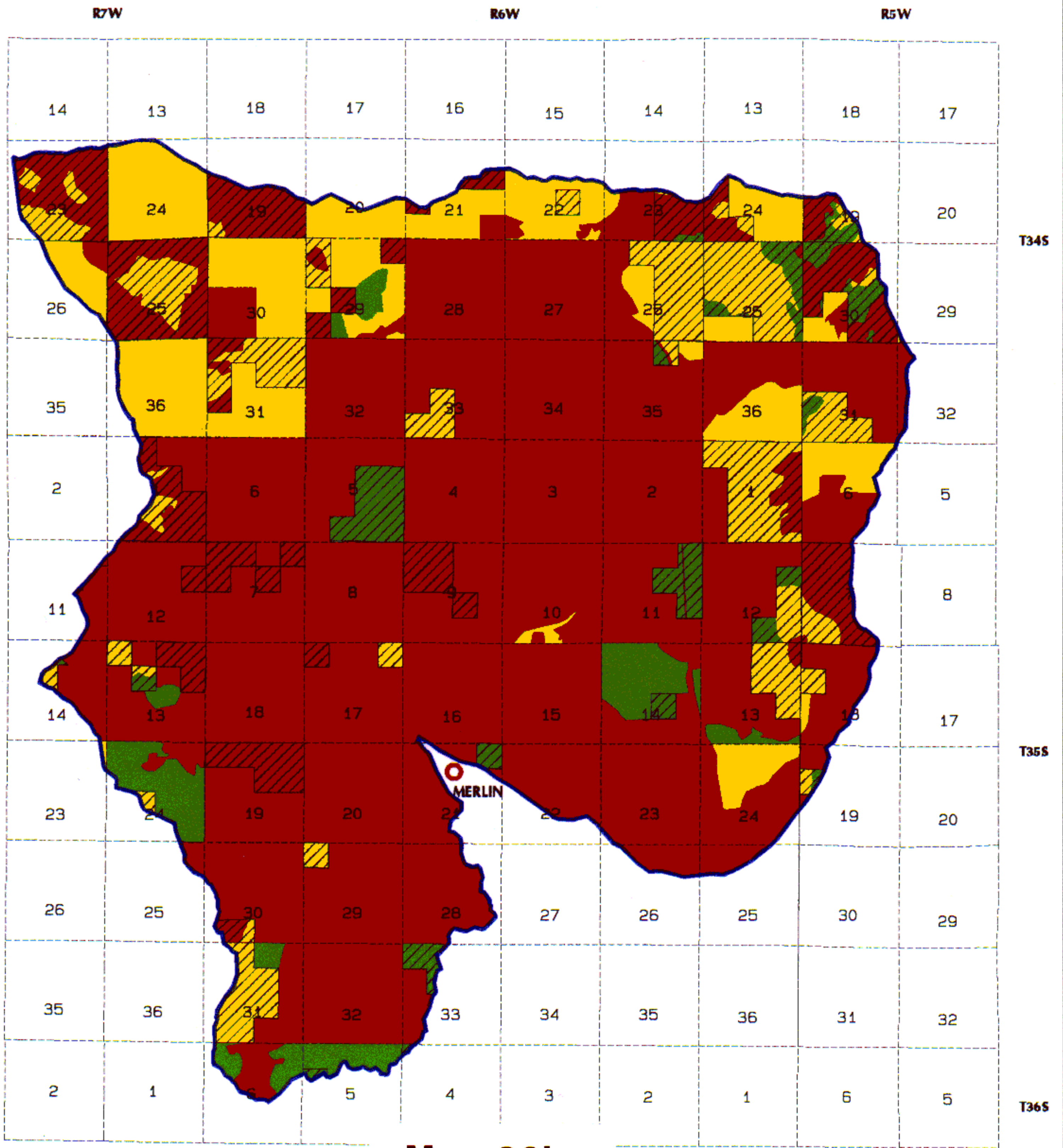
LEGEND



May 2, 1996

Dennis Glover

Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Map 20b

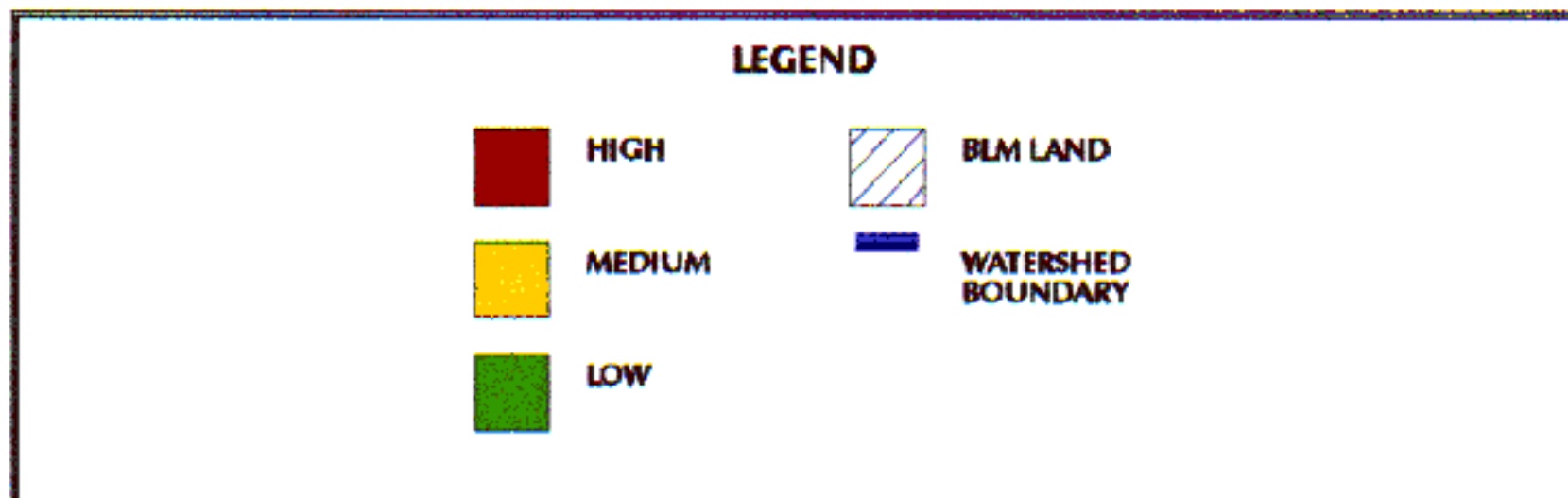
SCALE 1:90000

**FIRE VALUE RATING FOR
THE QUARTZ JOE WATERSHED**



July 1996

John McGlothlin



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

R6W

Map 21a

R5W

T34S

T35S

MERLIN

JOSEPHINE CO.

JACKSON CO.

SCALE 1:100000






POTENTIAL HIGH PRIORITY HAZARD REDUCTION TREATMENT AREAS JOE LOUSE WATERSHED LEGEND

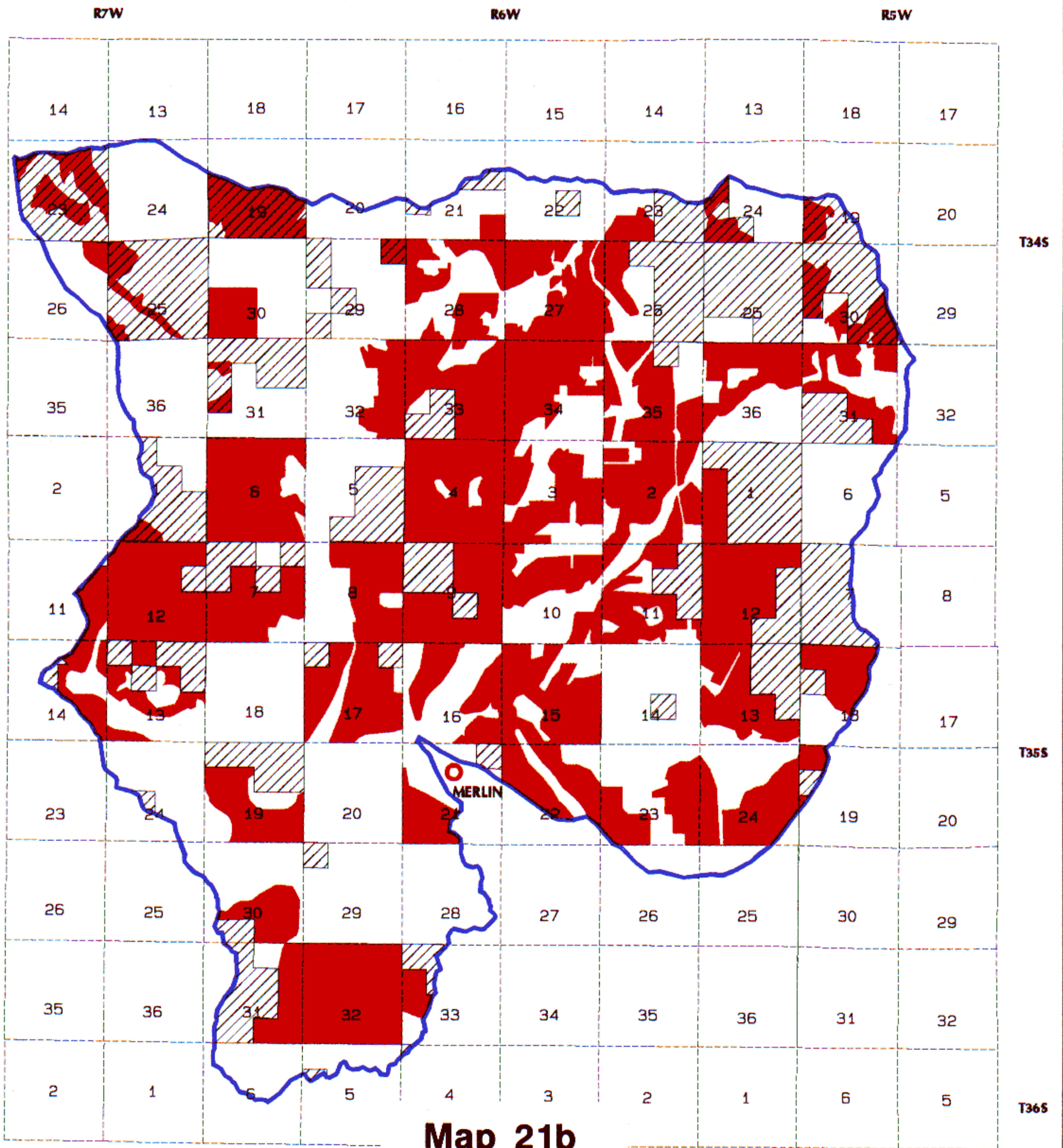


May 1, 1996

Dennis Glover

	AREAS OF HIGH HAZARD, RISK & VALUE		WATERSHED BOUNDARY
	BLM LAND		

Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Map 21b

SCALE 1:90000

**AREAS WITH HIGH HAZARD, RISK,
AND VALUE-AT-RISK RATINGS IN
THE QUARTZ JOE WATERSHED**



July 1996

John McGlothlin

LEGEND

Areas With High Ratings	BLM LAND
WATERSHED BOUNDARY	



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

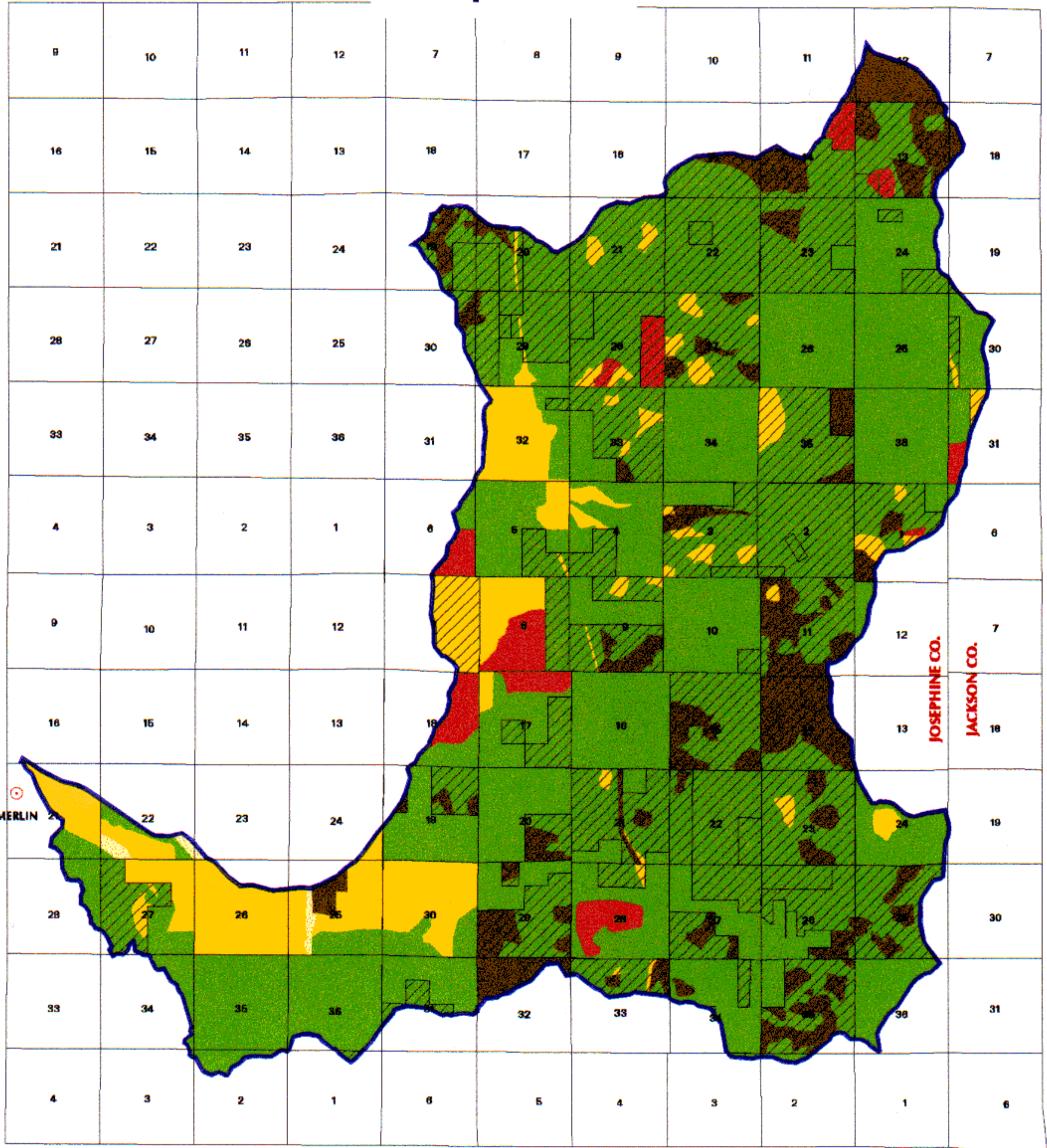
R6W

Map 22a

R5W

T34S

T35S



MERLIN

JOSEPHINE CO.

JACKSON CO.



SCALE 1:100000

FIRE FUEL MODELS FOR JOE LOUSE WATERSHED

LEGEND

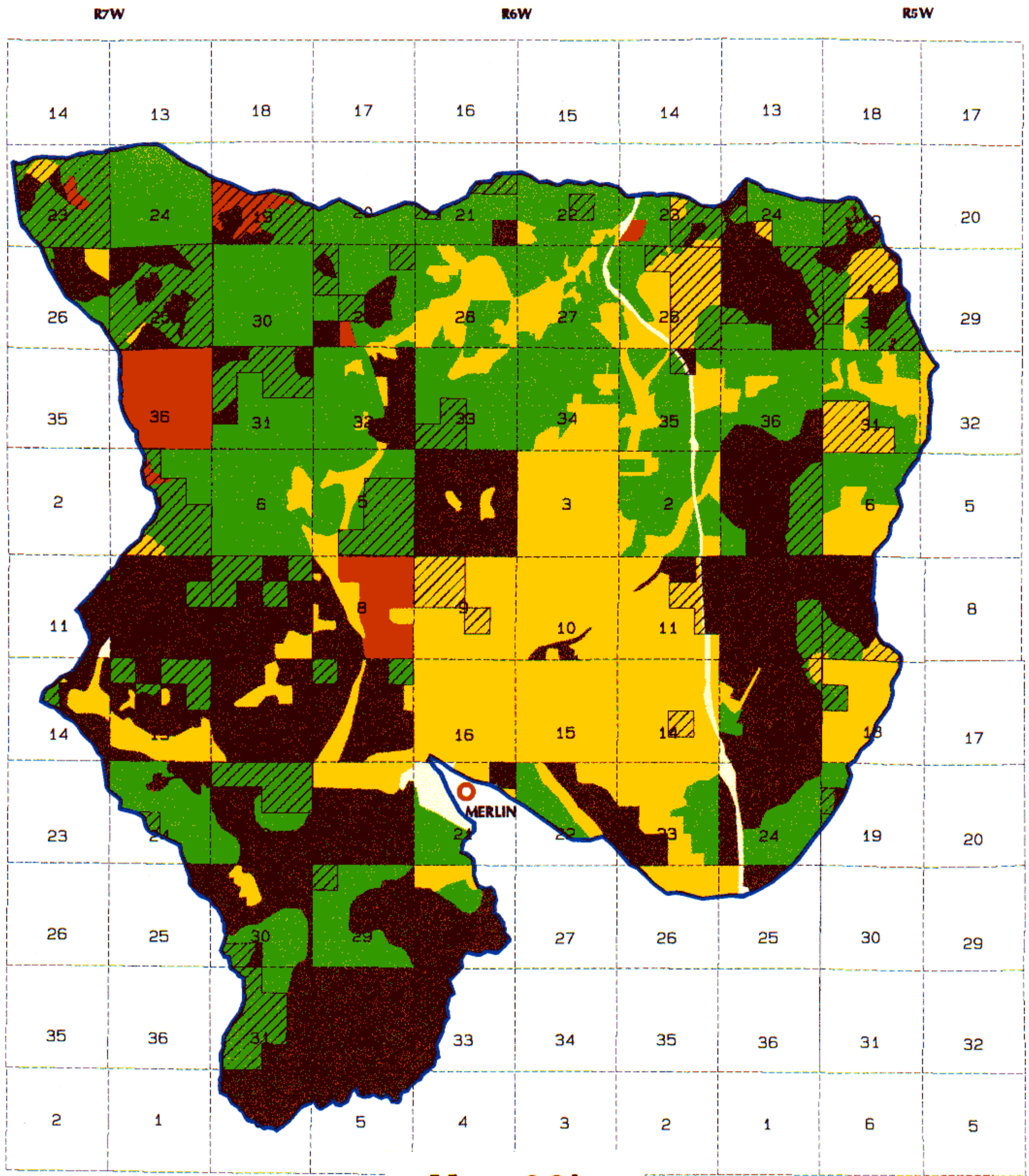
- GRASS & GRASS DOMINATED
- CHAPARRAL & SHRUB FIELDS
- TIMBER LITTER
- SLASH
- FUEL MODEL NOT ACCEPT.
- BLM OWNERSHIP
- WATERSHED BDY.



May 15, 1996

Dennis Glover

Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Map 22b

SCALE 1:90000


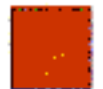

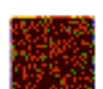



FUEL MODELS FOR THE QUARTZ JOE WATERSHED



July 1996

John McGlothlin

LEGEND

	GRASS AND GRASS DOMINATED		SLASH		BLM LAND
	CHAPARRAL AND SHRUB FIELDS		FUEL MODELING NOT APPLICABLE		WATERSHED BOUNDARY
	TIMBER LITTER				



Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.